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# FOREIGN AGRICULTURE CIRCULAR



U.S. DEPARTMENT OF AGRICULTURE  
Foreign Agricultural Service Washington D.C.

U.S. DEPARTMENT OF AGRICULTURE  
FOREIGN AGRICULTURAL SERVICE  
JAN 10 1970  
GRAIN  
FG 1-70  
January 1970

## WORLD WHEAT AND FLOUR EXPORTS

### DROP 10 PERCENT IN FY 1969

World wheat and flour (grain equivalent) exports during fiscal year 1968-69 were 47.1 million metric tons, 5.3 million below shipments during 1967-68, according to the best information currently available. This decline of 10 percent marks the third consecutive year of reduced exports. It is 600,000 tons less than the previous low of the decade (1961-62) and 25 percent less than record exports of 62.4 million tons during 1965-66.

Supply-Demand Situation - The preliminary estimate of the 1969-70 world wheat crop is estimated at 5 percent less than the **preceding year**. However, carry-over supplies are still quite large in many importing countries as well as exporting countries -- at record levels in several countries. World trade is expected to increase, but competition will be keen. Increased exports should be reflected mainly in larger purchases by Mainland China, the northern countries of Eastern Europe, USSR, Japan, Pakistan and Turkey. The bulk of the increase is expected to be in communist countries, areas where the U.S. does not trade.

Wheat - Total exports of wheat during 1968-69 were 42 million tons as compared with 47.4 million the previous year -- a decline of 11 percent. Shipments by the 5 major exporters (Argentina, Australia, Canada, France, and the United States) continued to account for slightly more than 80 percent of world exports, although a major share of French exports went to member EC countries. The Big 5 showed a decline in exports of 4.6 million tons, or 12 percent. Individually, the differences were as follows (percent change in parenthesis): Argentina - (+) 1.3 million tons (95%); Australia - (-) 1.6 million (25%); Canada - (-) .2 million (2%); France - (+) 1.7 million (75%); and the United States - (-) 5.6 million (31%). Other countries showing significant declines were Greece, Bulgaria, and Romania.



WHEAT AND WHEAT FLOUR (GRAIN EQUIVALENT): World exports by country of origin,  
fiscal years 1967/68 and 1968/69

Country of origin	Wheat Grain		Wheat Flour (grain equivalent)		Wheat and Flour (grain equivalent)		Changes FY 1969 vs. FY 1968
	1967/68 1/	1968/69 2/	1967/68 1/	1968/69 2/	1967/68 1/	1968/69 2/	
	m. t.	m. t.	m. t.	m. t.	m. t.	m. t.	
North America:							
United States .....	18,803.9	13,045.6	1,394.2	1,647.8	20,198.1	14,693.4	- 5,504.7
Canada .....	8,266.1	8,056.1	646.3	644.6	8,912.4	8,700.7	- 211.7
Mexico .....	175.4	.1	--	--	175.4	.1	- 175.3
Total - North America .....	27,245.4	21,101.8	2,040.5	2,292.4	29,285.9	23,394.2	- 5,891.7
South America:							
Argentina .....	1,369.8	2,666.0	--	--	1,369.8	2,666.0	+ 1,296.2
Uruguay .....	1.0	45.7	--	--	1.0	45.7	+ 44.7
Total - South America .....	1,370.8	2,711.7	--	--	1,370.8	2,711.7	+ 1,340.9
Europe:							
EC:							
Belgium-Luxembourg .....	180.6	113.1	42.9	53.7	223.5	166.8	- 56.7
France .....	3,594.7	5,300.5	635.5	747.2	4,230.2	6,047.7	+ 1,817.5
Germany, West .....	107.3	259.9	504.0	491.8	611.3	751.7	+ 140.4
Italy .....	5.4	28.8	212.3	305.4	217.7	334.2	+ 116.5
Netherlands .....	539.9	434.1	67.7	53.2	607.6	487.3	- 120.3
Total - EC .....	4,427.9	6,136.4	1,462.4	1,651.3	5,890.3	7,787.7	+ 1,897.4
EFTA:							
Austria .....	4/	4/	4/	4/	4/	4/	4/
Denmark .....	.1	26.9	.2	.5	.3	27.4	+ 27.1
Sweden .....	306.9	334.6	16.1	29.6	323.0	364.2	+ 41.2
United Kingdom .....	4.8	1.6	10.5	--	15.3	1.6	- 13.7
Total - EFTA .....	311.8	363.1	26.8	30.1	338.6	393.2	+ 54.6
Greece .....	329.9	70.2	6.2	1.0	336.1	71.2	- 264.9
Spain .....	542.0	600.0	480.0	300.0	1,022.0	900.0	- 122.0
Total - Western Europe .....	5,611.6	7,169.7	1,975.4	1,982.7	7,587.0	9,152.1	+ 1,565.1
Eastern Europe: 3/							
Bulgaria .....	424.0	200.0	--	--	424.0	200.0	- 224.0
Germany, East .....	5.0	5.0	--	--	5.0	5.0	--
Hungary .....	6.7	10.0	19.0	20.0	25.7	30.0	+ 4.3
Poland .....	4.3	3.0	1.0	1.0	5.3	4.0	- 1.3
Romania .....	1,155.9	500.0	60.4	--	1,216.3	500.0	- 716.3
Yugoslavia .....	--	5.0	7.0	--	7.0	5.0	- 2.0
USSR .....	4,880.0	5,166.0	204.0	150.0	5,084.0	5,316.0	+ 232.0
Total - Eastern Europe .....	6,475.9	5,889.0	291.4	171.0	6,767.3	6,060.0	- 707.3
Total - Europe .....	12,087.5	13,058.7	2,266.8	2,153.4	14,354.3	15,212.1	+ 857.8
Asia:							
Aden .....	--	--	7.1	7.0	7.1	7.0	- .1
China (Mainland) .....	10.0	10.0	--	--	10.0	10.0	--
Hong Kong .....	--	--	67.4	25.7	67.4	25.7	- 41.7
Iran .....	84.5	246.7	1.4	3.1	85.9	249.8	+ 163.9
Iraq .....	.6	.5	--	--	.6	.5	- .1
Japan .....	--	--	121.4	82.2	121.4	82.2	- 39.2
Jordan .....	1.2	--	3.8	4.7	5.0	4.7	- .3
Lebanon .....	2.1	1.5	1.1	.5	3.2	2.0	- 1.2
Singapore .....	11.7	6.0	27.1	15.0	38.8	21.0	- 17.8
Southern Yemen .....	6.2	6.0	8.5	7.5	14.7	13.5	- 1.2
Taiwan .....	--	--	14.0	5.0	14.0	5.0	- 9.0
Total - Asia .....	116.3	270.7	251.8	150.7	368.1	421.4	+ 53.3
Africa:							
Kenya .....	35.0	--	.1	5.0	35.1	5.0	- 30.1
Senegal .....	--	--	.4	--	.4	--	- .4
Tunisia .....	4.7	.9	--	--	4.7	.9	- 3.8
Total - Africa .....	39.7	.9	.5	5.0	40.2	5.9	- 34.3
Oceania:							
Australia .....	6,498.8	4,891.3	475.2	437.1	6,974.0	5,328.4	- 1,645.6
Total - Oceania .....	6,498.8	4,891.3	475.2	437.1	6,974.0	5,328.4	- 1,645.6
World total .....	47,358.5	42,035.1	5,034.8	5,038.6	52,393.3	47,073.7	- 5,319.6
Equivalent, million bushels .....	1,740	1,545	185	185	1,925	1,730	- 195

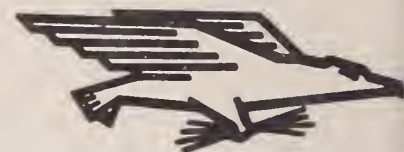
1/ Revised. 2/ Preliminary. 3/ Based on actual imports by recipient countries, intra-trade on calendar year basis, and official estimates by IWC, FAO and FAS. 4/ Less than 50 metric tons.



Flour - Exports of flour (grain equivalent) during 1968-69 totaled 5 million metric tons, almost precisely the same as the previous year. The United States remained the principle single exporter with one-third of the total, although combined EC exports were slightly larger. U.S. flour exports -- mainly under PL 480 -- increased by 254,000 tons while those of the EC increased by 189,000 tons. Exports by Spain, USSR, Hong Kong, Japan, and Australia were less.

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# FOREIGN AGRICULTURE CIRCULAR



U.S. DEPARTMENT OF AGRICULTURE  
Foreign Agricultural Service Washington D.C.

GRAIN  
FG 2-70  
January 1970

## WORLD CORN HARVEST

### UP 6 PERCENT IN 1969

World corn production in 1969 is estimated at a record 244 million metric tons on the basis of information available to the Foreign Agricultural Service. This is 6 percent larger than in 1968 and 1 percent over the previous high in 1967. World corn area totaled 257 million acres, up 2 percent.

Corn production in North America was unchanged at 123.8 million bushels. The Canadian harvest, at 1.9 million tons, was off 10 percent because of cool, wet early season weather. The United States crop was 112.9 million tons, up 2 percent but 7 percent below the 1967 record. U.S. area was down 2 percent, but the yield at 81.2 bushels per acre was 2.6 bushels above the 1967 high. The U.S. planting season was late, but so was the fall season. Thus, the crop ripened almost entirely free of frost damage. Increased plant populations per acre along with commensurate fertilizer applications were the principal reasons for the larger yield. The Mexican corn crop is estimated at 7 million bushels, down 19 percent as a result of persistent drought in the latter half of the season.

The West European crop was a record 13.7 million tons, up 12 percent, with all countries showing gains. The European Community harvested 10.4 million tons, up 9 percent. Spain produced 1.7 million tons, 18 percent over the 1968 record.

East European corn production also was a record, 21.9 million tons, up 10 percent, as yield gained 11 percent. Hungary had a record crop of 4.4 million tons, up 16 percent. The other major growers also had big outturns -- although below the 1966 records.



CORN: Acreage, yield per acre, and production in specified countries, year of harvest,  
average 1960-64, annual 1968 and 1969 1/

Continent and country	Acreage 2/		Yield per acre 3/				Production			
	Average 1960-64	1968	1969 1/	Average 1960-64	1968	1969 1/	Average 1960-64	1968	1969 1/	1968
	acres	acres	acres	Bushels	Bushels	Bushels	m. t.	m. t.	m. t.	Million bushels
<b>North America:</b>										
Canada .....	500	958	978	71.0	84.8	75.0	1,000	1,000	1,000	81.2
United States .....	59,876	55,707	54,758	62.5	78.5	81.2	94,562	111,121	112,883	4,374.8
Costa Rica .....	175	180	--	16.9	18.6	--	76	85	--	3.3
El Salvador .....	448	494	544	17.2	20.6	21.7	196	258	300	10.2
Guatemala .....	1,682	1,920	2,050	13.2	15.1	14.8	570	736	770	29.0
Honduras .....	959	1,018	--	12.5	15.1	--	303	390	350	15.4
Mexico .....	15,416	18,780	17,915	15.5	18.0	15.4	6,064	8,600	7,000	338.6
Nicaragua .....	353	573	471	13.9	14.2	14.2	124	206	170	8.1
Panama .....	213	247	--	13.3	13.5	--	72	85	--	3.3
Total 5/ .....	80,540	80,790	78,970	50.4	60.3	61.7	103,190	123,790	123,800	4,873.4
<b>South America:</b>										
Argentina .....	7,008	8,834	--	28.4	30.7	--	4,984	6,900	7,000	271.6
Brazil .....	19,308	22,538	24,957	20.6	20.1	22.1	10,112	11,500	14,000	452.7
Chile .....	183	143	--	37.9	49.6	--	176	180	--	7.1
Colombia .....	1,814	1,829	2,039	17.5	17.2	17.4	807	800	900	31.5
Ecuador .....	508	519	531	11.7	13.7	15.6	151	180	210	7.1
Peru .....	833	890	--	23.2	26.5	--	497	600	--	23.4
Uruguay .....	563	435	--	10.3	11.7	--	147	130	--	5.1
Venezuela .....	1,058	1,347	--	17.2	21.5	--	461	736	--	29.0
Total 5/ .....	32,280	37,555	40,250	21.7	22.6	23.8	17,820	21,520	24,330	847.2
<b>Europe:</b>										
<b>EC:</b>										
France .....	2,229	2,533	2,800	46.4	81.2	77.3	2,625	5,226	5,500	205.7
Germany, West .....	30	143	200	51.2	79.0	78.7	39	287	400	11.3
Italy .....	2,817	2,389	2,434	51.2	65.7	72.8	3,661	3,988	4,500	157.0
Total EC .....	5,076	5,065	5,434	49.1	73.8	75.3	6,325	9,501	10,400	374.0
Austria .....	130	182	290	61.2	86.2	86.2	202	399	634	15.7
Greece .....	461	338	357	24.4	43.8	46.5	286	375	421	14.8
Portugal .....	1,208	1,082	1,030	18.3	19.7	21.3	562	548	557	21.6
Spain .....	1,139	1,292	1,359	37.2	43.9	52.0	1,075	1,440	1,700	56.7
Total Western Europe .....	8,014	7,922	8,470	41.8	60.9	63.7	8,450	12,263	13,712	482.8
Bulgaria .....	1,610	1,376	1,327	40.7	49.6	63.8	1,665	1,731	2,150	68.2
Czechoslovakia .....	509	331	311	39.4	53.8	57.5	509	452	454	17.8
Hungary .....	3,226	3,109	3,262	40.3	47.7	52.6	3,304	3,764	4,356	148.2
Romania .....	8,305	8,263	8,253	27.4	33.9	35.3	5,784	7,105	7,400	279.7
Yugoslavia .....	6,118	6,079	5,916	36.4	44.1	50.4	5,664	6,810	7,580	268.1
Total Eastern Europe .....	19,768	19,158	19,069	33.7	40.8	45.3	16,926	19,862	21,940	782.0
Total Europe .....	27,782	27,080	27,539	36.0	46.7	51.0	25,376	32,125	35,652	1,264.8
U.S.S.R. (Europe and Asia) 6/ .....	15,518	8,278	12,355	24.3	36.1	39.8	9,564	7,600	12,500	279.2
										492.1

Africa:											
Morocco	1,122	1,117	1,149	11.4	8.4	11.4	297	240	333	9.4	13.1
United Arab Republic	1,793	1,564	--	40.0	57.8	--	1,823	2,297	--	90.4	--
Angola	1,465	--	--	10.9	--	--	407	--	--	--	--
Kenya	2,743	3,000	--	18.6	20.2	--	1,296	1,542	--	60.7	--
Malagasy Republic	247	--	--	14.4	--	--	90	--	--	--	--
South Africa, Republic of	13,106	12,805	--	15.5	--	--	5,147	4,953	--	--	--
Total 5/	35,890	37,910	37,970	17.4	17.8	19.9	15,840	17,100	19,240	673.2	757.4
Asia:											
Turkey	1,689	1,656	1,668	21.4	23.8	26.0	916	1,000	1,100	39.4	43.3
China, Mainland	--	--	--	--	--	--	11,580	--	--	--	--
Afghanistan	1,236	--	--	22.5	--	--	707	--	--	--	--
China, Taiwan	43	59	--	29.3	34.0	--	32	51	45	2.0	1.8
India	11,200	14,124	14,085	15.5	15.9	16.8	4,402	5,701	6,000	224.4	236.2
Indonesia	7,156	7,937	--	15.5	14.8	--	2,823	2,993	3,400	117.8	133.9
Japan	100	44	40	40.9	45.6	39.4	104	51	40	2.0	1.6
Pakistan	1,190	1,531	1,614	16.5	16.2	16.1	498	629	662	24.8	26.1
Philippines	4,759	5,436	--	10.2	10.5	--	1,230	1,450	1,630	57.1	64.2
Thailand	922	--	--	30.7	--	--	720	1,500	1,700	59.1	66.9
Total 5/	53,400	59,950	59,970	17.2	18.0	18.7	23,390	27,400	28,540	1,078.7	1,123.6
Oceania:											
Australia	206	198	174	33.6	39.3	36.5	176	198	161	7.8	6.4
New Zealand	8	15	--	77.8	89.3	--	16	34	--	1.4	--
Total 5/	214	213	189	35.3	42.7	--	192	232	195	9.1	7.7
World total 5/											
	245,620	251,680	257,340	31.3	35.9	37.4	195,400	229,770	244,260	9,045.6	9,616.0

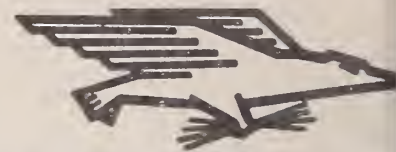
1/ Years shown refer to years of harvest in the Northern Hemisphere. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus, the crop harvested in the Northern Hemisphere in 1969 is combined with preliminary forecasts for the Southern Hemisphere harvest which begins late in 1969 and ends early in 1970. 2/ Harvested area as far as possible. 3/ Yield per acre calculated from acreage and production data shown.

4/ Preliminary estimates for Northern Hemisphere countries; for the Southern Hemisphere, preliminary forecasts. 5/ Estimated totals include allowances for producing countries not shown. 6/ Production estimated.

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Grains & Feeds Circular  
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Corn production in the Soviet Union was at a sharply higher level, estimated at 12.5 million tons, mainly a result of expanded acreage from replanting in winter-killed small grain areas.

The Asian harvest is estimated slightly higher with gains in India, Indonesia, the Philippines, and Thailand.

The outlook is good for an increase in Africa but, since most of the principal producers are in the Southern Hemisphere, it is too early for a definite appraisal and conditions between now and harvest time in early 1970 will determine the final outcome.

In South America, also, the crop is in the early growth stage and conditions up to March/April may change the outlook, which is presently good. Thus forecasts are subject to considerable revision as the growing season advances. If the season is normal or better, the crop should be well above the poor harvest of early 1969 in Brazil, the leading producer of the continent.



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# FOREIGN AGRICULTURE CIRCULAR

U.S. DEPARTMENT OF AGRICULTURE  
Foreign Agricultural Service Washington D.C.



## WORLD FEED GRAIN EXPORTS

### DECLINE 3.2 PERCENT IN FY 1969

GRAIN  
FG 3-70  
January 1970

World feed grain exports during fiscal year 1969 at 39.4 million tons slipped about 3.2 percent (around 1,300 thousand metric tons) from a year earlier, but were 35 percent above the 1960-64 five-year average. North America, with a 20 percent decline from a year earlier, was the area with the greatest decrease. This was the result of a 19 percent decline for the U.S. (the world's largest exporter) and a 60 percent decline for Canada (mainly barley). Mexico's exports were up by 27 percent. Argentina, the second largest exporter, increased exports 37 percent and French shipments gained 50 percent. Asian exports remained at about last year's levels.

Total world corn exports were 1 percent above the 1968 level, although U.S. shipments, impeded by the dock strike, were 10 percent less. Significant increases in corn exports were registered by Mexico (28 percent) and Argentina (25 percent). Also Brazilian shipments, at about 1.2 million tons, set a new record. East European exports, however, declined nearly one-half million tons.

Grain sorghum exports dropped 20 percent below the 1968 level, but were still 36 percent above the 5-year average. Major decreases were recorded by the U.S. and South Africa, while shipments from Argentina more than doubled. The dock strike and price relationship with corn accounted for much of the decline in U.S. exports.

The long-term downward trend in world oat exports was interrupted, as 1969 exports were slightly above a year ago. However, they were still about 60 percent below the 5-year average. Of the major exporting countries, Australia, France, and Sweden increased exports, while the U.S., Argentina, and Canada, shipped less.

Barley exports have declined during the past five years. Shipments during 1969 were 3 percent below the 1960-64 five year average. Most of the decline in 1969, compared to the previous year, was registered by the United Kingdom (720,000 tons), the U.S. (394,000 tons), and Canada (671,000 tons). France, however, increased exports by almost one million tons.

Country of origin	Corn		Grain Sorghum		Oats		Barley		Total Feedgrains		Change + or -
	1967-68 1/	1968-69 2/	1967-68 1/	1968-69 2/	1967-68 1/	1968-69 2/	1967-68 1/	1968-69 1/	1967-68 1/	1968-69 2/	
	1,000 m. t.	1,000 m. t.	1,000 m. t.	1,000 m. t.	1,000 m. t.	1,000 m. t.	1,000 m. t.	1,000 m. t.	1,000 m. t.	1,000 m. t.	1,000 m. t.
North America:											
United States 3/	1,520.8	12,977.1	4,399.9	2,695.0	80.1	55.7	643.8	249.6	19,644.6	15,977.1	3,667.2
Canada	1.6	1.5	--	--	47.1	43.6	1,082.1	411.1	1,130.8	456.4	674.4
Mexico	799.3	1,020.9	1/	1/	2.9	--	--	--	802.2	1,020.9	218.7
Total - North America	15,321.7	13,999.5	4,399.9	2,695.0	130.1	99.5	1,725.9	660.7	21,577.6	17,454.4	4,123.2
Central America:											
Guatemala	2.2	1.6	0.2	--	--	--	--	--	2.4	1.6	.8
Honduras	25.0	10.0	--	10.0	--	--	--	--	25.0	50.0	25.0
Total - Central America	27.2	11.6	0.2	10.0	--	--	--	--	27.4	51.6	24.2
South America:											
Argentina	3,186.5	3,968.5	558.2	1,338.8	313.4	200.7	124.2	205.3	4,182.3	5,713.3	1,531.0
Brazil	665.5	1,192.9	--	--	--	--	--	--	665.5	1,192.9	527.4
Chile	--	--	--	--	--	--	11.3	15.4	11.3	15.4	4.1
Paraguay	11.1	.5	--	--	--	--	--	--	11.1	.5	10.6
Peru	.6	.4	--	--	--	--	--	--	.6	.4	.2
Uruguay	--	--	3/	--	.2	--	--	1.9	.2	1.9	1.7
Total - South America	3,863.9	5,162.3	558.2	1,338.8	313.6	200.7	135.5	222.6	4,871.0	6,924.4	2,053.4
Total - Western Hemisphere	19,185.6	19,161.8	4,958.1	4,033.8	443.7	290.2	1,861.4	883.3	26,448.6	24,378.8	2,069.8
Europe:											
EC:											
Belgium and Luxembourg	150.6	280.1	11.6	15.9	2.9	1.0	71.7	43.9	239.8	310.9	101.1
France	1,261.7	2,358.7	39.3	107.3	134.8	146.7	2,597.5	3,466.5	4,033.3	6,079.2	2,045.9
Germany, West	27.9	44.3	7.0	8.9	12.3	18.2	27.9	3.9	75.1	75.3	0.2
Italy	1.4	5.6	2.7	2.0	1/	1/	--	1/	7.1	7.6	0.5
Netherlands	191.9	208.6	39.0	22.1	92.3	57.7	126.4	92.4	449.6	380.6	68.8
Total EC	1,636.5	2,897.3	99.6	156.2	242.3	223.6	2,826.5	3,606.7	4,801.9	6,883.5	2,078.9
EFTA:											
Austria	1.3	1/	1/	1/	1/	1/	1/	1/	1.3	1/	1.3
Denmark	--	--	--	--	8.9	4.7	145.0	107.8	153.9	112.5	41.4
Sweden	1/	1/	--	--	180.8	210.6	137.7	220.0	318.5	430.6	112.1
United Kingdom	--	--	--	--	--	--	797.0	71.3	797.0	71.3	722.7
Total EFTA	1.3	1/	1/	1/	189.7	215.3	1,079.7	402.1	1,270.7	617.4	653.3
Cyprus	--	--	--	--	--	--	1/	1/	1/	1/	--
Ireland	--	--	--	--	--	--	1/	1/	1/	1/	--
Total - Western Europe	1,637.8	2,897.3	99.6	156.2	432.0	438.9	3,906.2	4,008.8	6,075.6	7,501.2	1,425.6
Eastern Europe: 5/											
Bulgaria	157.0	75.0	--	--	--	--	1.0	1.0	158.0	76.0	82.0
Czechoslovakia	0.1	--	--	--	--	--	225.0	200.0	225.1	200.0	25.1
Germany, East	--	--	--	--	--	--	10.0	10.0	10.0	10.0	--
Hungary	19.0	15.0	0.3	--	--	--	--	--	19.3	15.0	4.3
Poland	--	--	0.3	--	--	--	21.8	60.0	22.1	60.0	37.9
Romania	386.2	175.0	1.5	--	--	--	10.0	10.0	397.7	165.0	212.7
USSR	175.0	200.0	--	--	10.0	7.5	550.0	600.0	735.0	807.5	72.5
Yugoslavia	532.5	250.0	3.0	5.0	5.0	--	17.6	5.0	588.1	260.0	328.1
Total - Eastern Europe	1,269.8	715.0	5.1	5.0	15.0	7.5	665.4	886.0	2,155.3	1,613.5	541.8
Total - Europe	2,907.6	3,612.3	104.7	161.2	447.0	446.4	4,571.6	4,894.8	8,230.9	9,114.7	883.8
Asia:											
Burma	9.5	10.0	--	--	--	--	--	--	9.5	10.0	.5
Cambodia	89.2	80.0	--	--	--	--	--	--	89.2	80.0	9.2
China, Mainland	25.2	34.6	17.5	16.2	--	--	--	--	42.7	50.8	8.1
Indonesia 7/	157.0	65.0	--	--	--	--	--	--	157.0	65.0	92.0
Iran	--	--	--	--	--	--	14.0	--	14.0	--	14.0
Korea, North	9.2	9.0	--	--	--	--	--	--	9.2	9.0	0.2
Thailand	1,220.8	1,301.5	48.8	52.3	--	--	--	--	1,269.6	1,353.8	84.2
Total - Asia	1,510.9	1,500.1	66.3	68.5	--	--	14.0	--	1,591.2	1,568.6	22.6
Africa:											
Angola	124.1	155.0	--	--	--	--	--	--	124.1	155.0	30.9
Kenya	233.1	230.0	--	--	--	--	--	--	233.1	230.0	3.1
Malawi 7/	90.0	86.0	--	--	--	--	--	--	90.0	86.0	4.0
Mozambique 7/	25.4	121.9	--	--	--	--	--	--	25.4	121.9	96.5
South Africa 6/	3,112.0	2,690.0	372.0	109.0	4.3	8.4	--	--	3,488.3	2,807.4	680.9
Tanzania 7/	--	31.0	--	--	--	--	--	--	--	31.0	31.0
Uganda 7/	1.8	1.6	--	--	--	--	--	--	1.8	1.6	0.2
Zambia	127.0	29.7	--	--	--	--	--	--	127.0	29.7	97.3
Total - Africa	3,713.4	3,345.2	372.0	109.0	4.3	8.4	--	--	4,089.7	3,462.6	627.1
Oceania:											
Australia	2.6	0.2	32.5	68.8	183.2	333.5	129.3	450.7	317.6	853.2	535.6
Total - Oceania	2.6	0.2	32.5	68.8	183.2	333.5	129.3	450.7	317.6	853.2	535.6
World total	27,347.1	27,661.2	5,533.8	4,451.3	1,078.2	1,088.5	6,776.3	6,228.8	40,735.4	39,429.8	1,305.6
Equivalent 1,000 bushels	1,276,601	1,088,966	217,855	175,239	74,282	74,992	311,233	286,086	--	--	--

1/ Revised. 2/ Preliminary. 3/ Excluding products. 4/ Less than 500 metric tons. 5/ Based on actual imports by recipient countries, intra-trade on calendar year basis and official estimates by ITC, FAO and FAS. 6/ Marketing year - May-April for corn and sorghum and November-October for oats. 7/ Calendar years - 1967 and 1968.

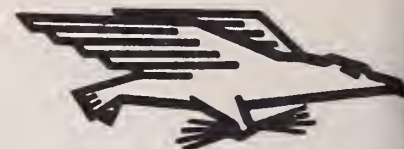






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U.S. DEPARTMENT OF AGRICULTURE  
FOREIGN AGRICULTURAL SERVICE

1970 JAN 10 1970

COMMUNICATIONS SECTION

GRAIN  
FG 4-70  
January 1970

## U.S. EXPORTS OF PREPARED AND OTHER

### FEEDS GAIN 31 PERCENT IN 1968-69

U.S. exports of prepared and other feeds during July-June 1968-69 totaled 1.4 million tons, 304,000 tons above those of the previous year, with an export value of \$84 million.

Prepared feed exports totaled 198 thousand tons, 2 percent over 1967-68. Poultry feeds made up two-thirds of the total. Sixty percent of all prepared feeds went to North and Central American and Caribbean destinations.

Exports of byproduct feeds in 1968-69 amounted to 722 thousand tons, up 39 percent. Corn byproducts were the principal item at 676 thousand tons. Of this total the Netherlands took 534 thousand tons, 37 percent more than in 1967-68.

Alfalfa meal exports in 1968-69 totaled 433 thousand tons, comprising 239 thousand tons of dehydrated and 193 thousand of sun-cured. Total shipments were up 36 percent for the year. Japan dominated the market for both types, taking 381 thousand tons, up 41 percent for the year.

FEEDS, PREPARED AND OTHER: U.S. Exports by Classification.  
1966-67 through 1968-69

Commodity	1966-67	1967-68	1968-69
	Short tons	Short tons	Short tons
Prepared Feeds:			
Poultry .....	162,824	144,374	130,374
Dairy .....	21,410	25,336	42,229
Other Livestock .....	20,207	24,725	25,219
Total .....	204,441	194,435	197,822
Byproduct Feeds:			
Wheat byproducts .....	54,831	25,093	37,992
Corn byproducts .....	373,457	471,382	675,822
Rice bran and polishings .....	10,697	20,397	3,766
Other grain byproducts .....	1,552	1,179	4,111
Total .....	440,537	518,051	721,691
Alfalfa Meal:			
Dehydrated .....	198,042	181,370	239,231
Sun-Cured .....	205,460	137,768	193,353
Total .....	403,502	319,138	432,584
Grand total .....	1,048,480	1,031,624	1,352,097

FEEDS, PREPARED AND OTHER: Total Exports by Area,  
1966-67 through 1968-69

Area	1966-67	1967-68	1968-69
	Short tons	Short tons	Short tons
North and Central America and Caribbean .....	137,803	148,603	149,158
South America .....	28,642	28,425	20,626
Europe .....	449,224	518,536	716,064
Asia .....	426,050	331,066	461,542
Africa .....	4,641	1,954	877
Oceania .....	2,120	3,040	3,830
Total .....	1,048,480	1,031,624	1,352,097



Destination	Poultry 1/			Dairy 2/			Other livestock 3/			Total		
	1966-67	1967-68	Short tons	1966-67	1967-68	Short tons	1966-67	1967-68	Short tons	1966-67	1967-68	Short tons
North and Central America and Caribbean:												
Canada .....	1,495	453	93	1,077	894	1,921	3,272	2,660	3,344	5,844	4,077	5,358
Mexico .....	26,474	12,283	4,734	1,810	2,712	6,972	735	561	934	29,019	15,556	12,640
British Honduras .....	1,238	1,206	1,024	64	47	77	118	214	142	1,495	1,467	1,243
Costa Rica .....	1,649	418	45	119	106	175	118	28	42	1,886	552	262
El Salvador .....	1,147	296	103	322	285	291	194	11	42	1,663	592	436
Guatemala .....	4,469	2,290	586	63	68	75	64	108	43	4,596	2,466	704
Honduras .....	817	622	1,116	5	29	30	21	21	21	843	661	1,167
Nicaragua .....	2,287	1,553	311	50	65	43	220	157	228	2,557	1,775	369
Panama .....	236	311	198	109	75	46	145	134	127	490	520	371
Bahamas .....	10,412	12,261	11,495	692	548	1,698	1,308	2,398	1,945	12,412	15,207	15,128
Barbados .....	2,006	1,942	2,466	272	302	246	679	644	832	2,957	2,888	3,544
Bermuda .....	4,398	4,802	3,796	4,470	4,276	3,474	424	446	197	9,292	9,524	7,467
Dominican Republic .....	8,142	8,875	11,122	349	443	261	324	177	161	8,815	9,495	11,544
French West Indies .....	70	10	30	--	12	--	35	57	59	105	79	89
Haiti .....	338	265	375	12	5	20	18	7	59	368	277	454
Jamaica .....	18,513	28,712	28,339	937	2,332	2,347	902	9,110	10,342	20,352	40,154	41,028
Leeward and Windward Islands .....	1,889	534	162	47	2	7	501	831	658	2,437	1,367	827
Netherlands Antilles .....	6,641	4,970	3,667	290	168	127	183	244	164	7,114	5,382	3,958
Trinidad and Tobago .....	8,236	10,115	10,752	89	106	151	352	934	908	8,677	11,155	11,811
Total .....	100,457	91,918	80,191	10,777	12,475	17,961	9,688	18,731	20,248	120,922	123,124	119,400
South America:												
Argentina .....	--	--	--	--	--	--	--	--	9	--	--	9
Bolivia .....	2,379	2,726	1,825	--	2	--	9	--	10	2,388	2,728	1,835
Brazil .....	--	31	14	--	--	--	72	144	67	72	175	81
Chile .....	229	54	325	--	--	--	202	48	13	431	102	338
Colombia .....	104	6	19	9	4	6	225	14	9	338	24	34
Ecuador .....	521	32	26	3	--	--	65	36	31	589	68	57
French Guiana .....	--	--	12	--	--	--	--	--	2	--	--	14
Guyana .....	5,404	4,801	6,342	77	73	101	176	166	167	5,657	5,040	6,610
Paraguay .....	2	--	4	50	--	6	--	--	--	52	--	10
Peru .....	429	183	28	39	5	10	51	56	50	529	244	88
Surinam .....	3,654	2,751	1,835	468	51	7	357	68	60	4,479	2,870	1,902
Uruguay .....	--	4	--	--	--	--	6	23	12	6	27	12
Venezuela .....	241	579	437	151	340	184	493	145	127	885	1,064	748
Total .....	12,973	11,167	10,867	797	475	314	1,656	704	557	15,426	12,346	11,738
Europe:												
EEC:												
Belgium and Luxembourg .....	30	3	32	--	--	--	435	231	346	465	234	378
France .....	--	--	2	--	--	--	--	3	2	--	3	4
Germany, West .....	--	13	16	--	3	6	49	139	175	49	155	197
Italy .....	1,161	359	456	454	265	130	70	17	14	1,685	641	600
Netherlands .....	154	3,410	20	2,512	9,053	19,798	57	21	22	2,723	12,484	19,840
Total .....	1,345	3,785	526	2,966	3,321	19,934	611	411	559	4,922	13,517	21,019
Other Western Europe:												
Austria .....	116	73	90	--	--	--	379	39	30	495	112	120
Cyprus .....	42	174	--	8	6	17	12	13	13	62	193	30
Denmark .....	--	--	--	--	56	--	267	11	19	267	67	19
Finland .....	37	1	12	--	--	--	10	5	19	47	31	31
Greece .....	174	177	3,335	10	10	2	243	91	69	427	278	3,406
Iceland .....	2,567	165	65	274	--	50	--	194	35	2,841	359	150
Ireland .....	209	4	8	--	39	--	263	23	28	472	66	36
Malta .....	34	--	1	--	--	--	--	--	--	34	--	1
Norway .....	--	--	--	--	--	--	159	10	11	159	10	11
Portugal .....	--	--	--	45	40	39	191	77	68	236	117	107
Spain .....	385	111	346	20	18	15	45	8	9	413	174	370
Sweden .....	87	48	90	--	103	--	189	12	21	276	163	111
Switzerland .....	8	69	31	1,303	1,245	457	591	99	155	1,902	1,413	643
United Kingdom .....	74	1	--	--	--	--	54	175	37	128	176	37
Total .....	3,733	823	3,978	1,660	1,517	580	2,366	794	514	7,759	3,134	5,072

PREPARED FEEDS: U.S. exports by destination, 1966-67 through 1968-69 (Continued)

Destination	Poultry 1/		Dairy 2/		Other livestock 3/		Total	
	1966-67	1967-68	1966-67	1967-68	1966-67	1967-68	1966-67	1967-68
Europe (Continued):								
Eastern Europe:								
Yugoslavia	17	1	78	--	1	--	17	1
Total Europe	5,095	4,609	4,583	20,514	2,978	1,204	12,699	16,652
Asia:								
Bahrain	48	46	216	--	--	4	48	52
Burma	--	--	--	--	--	31	--	31
Ceylon	34	17	12	--	37	26	71	43
Hong Kong	12,830	17,614	20,620	913	273	226	13,104	17,861
Indonesia	--	--	--	--	--	1	--	1
Iran	869	351	811	--	27	140	896	524
Iraq	272	--	31	--	--	--	272	31
Israel	35	2	9	--	--	20	41	22
Japan	2,679	52	29	4	1,332	1,622	8,248	2,621
Jordan	279	125	43	--	4	--	283	125
Korea, Republic of	17	9	96	33	42	50	59	59
Kuwait	1,846	979	651	4	833	300	2,937	1,283
Lebanon	16,145	10,654	5,147	115	38	45	16,298	10,699
Malaysia	191	73	126	--	202	74	628	147
Macao and Nampo Islands	41	2	18	8	207	439	248	441
Pakistan	--	--	--	16	4	--	14	16
Philippines	893	218	123	14	417	319	1,321	555
Republic of China (Taiwan)	44	3	--	--	10	5	54	8
Saudi Arabia	2,314	2,085	824	90	102	13	2,416	2,188
Singapore	272	93	16	112	1,332	459	1,712	664
Southern Yemen	--	--	42	--	--	--	--	--
Syria	514	162	--	--	--	--	514	162
Thailand	55	62	4	52	41	85	141	218
Turkey	--	--	--	23	28	7	28	30
Vietnam, South	167	266	1,881	--	53	16	221	282
Total	39,535	32,813	30,697	3,283	4,982	3,182	42,574	38,032
Africa:								
Angola	31	9	18	35	20	19	69	43
Cameroon	--	--	1	--	--	--	--	--
Cape Verde Islands	--	--	--	--	--	--	--	--
Congo (Kinshasa)	628	73	--	--	587	1	1,215	74
Ethiopia	--	--	3	--	--	--	--	--
Ghana	1,066	93	5	--	16	11	1,082	104
Kenya	--	5	--	--	--	1	--	6
Liberia	1,106	739	216	--	78	35	1,184	774
Libya	--	5	14	25	4	26	59	165
Mozambique	7	--	--	10	9	20	20	57
Nigeria	2	--	--	48	28	6	30	6
Rhodesia	--	--	--	--	--	11	--	11
Senegal	--	--	124	--	--	--	--	--
South Africa, Republic of	--	--	38	37	26	33	64	46
Sudan	--	--	15	--	--	--	--	--
Tanzania	--	2	--	2	--	--	--	--
Togo	8	24	26	--	--	1	8	24
Tunisia	--	--	--	--	--	--	--	--
Zambia	--	--	--	--	7	--	7	--
Total	2,848	990	404	151	775	144	3,749	1,206
Oceania:								
Australia	207	63	9	--	82	10	289	73
British West Pacific Islands	64	--	--	--	--	--	64	--
French Pacific Islands	1,483	2,663	3,332	--	--	2	1,510	2,665
New Zealand	50	18	--	--	--	--	50	18
Trust Territory of Pac. Isles	112	172	292	--	46	46	158	219
Total	1,916	2,917	3,633	27	123	58	2,975	3,695
World Total	162,824	144,374	130,374	42,229	20,207	24,725	204,441	197,822

1/ Includes mink, laying mink and turkey pellets. 2/ Includes calf meal, Con-D-Mineral, mixed cattle feed, prepared or mixed cow feed and non-B-Mix. 3/ Includes Arcadian Urea Feed Mixture, sweetened clover, prepared or mixed hog feed, sweetened forage, Hi-Nutra, hog finisher (prepared feed for hogs), mixed horse feed, mixed mink feed, prepared or mixed pig feed, and Torralae.



Destination	Wheat byproducts 1/			Corn byproducts 2/			Rice bran and polingine			Other grain byproducts 3/			Totals	
	1966-67	1967-68	1968-69	1966-67	1967-68	1968-69	1966-67	1967-68	1968-69	1966-67	1967-68	1968-69	1966-67	1968-69
North and Central America and Caribbean:														
Canada .....	1,816	2,982	1,687	8,327	8,327	13,227	429	219	424	57	154	50	6,359	11,682
Mexico .....	32	24	7	9	544	2,683	10	8	---	---	---	6	19	591
British Honduras .....	---	---	---	---	---	---	---	---	---	---	---	---	6	28
Costa Rica .....	28	---	---	39	---	28	---	---	---	---	---	---	39	49
El Salvador .....	---	---	---	---	---	---	---	---	---	---	---	---	---	6
Micragua .....	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Panama .....	---	---	---	16	---	---	---	---	---	---	---	---	16	---
Bahamas .....	31	35	45	405	1,471	633	---	---	---	10	---	---	446	1,506
Barbados .....	---	---	---	252	505	120	---	---	---	---	---	---	252	505
Bermuda .....	---	---	---	99	121	56	---	---	9	---	---	---	99	121
Dominican Republic .....	---	---	---	432	157	---	---	---	---	---	---	---	432	157
French West Indies .....	55	---	---	50	7	---	---	---	---	---	---	---	105	7
Haiti .....	---	---	---	180	130	6	---	---	---	---	---	---	180	130
Jamaica .....	466	236	380	1,524	984	584	340	546	240	---	---	---	2,330	1,766
Leeward and Windward Islands .....	35	---	---	109	60	2	---	---	---	---	---	---	109	95
Netherlands Antilles .....	60	55	22	182	150	23	---	22	---	---	---	---	212	227
Trinidad and Tobago .....	---	---	---	193	194	---	---	---	---	---	---	---	193	194
Total .....	2,428	3,403	2,176	7,553	12,713	17,232	779	795	673	67	161	62	10,827	17,072
South America:														
Brazil .....	---	---	---	86	420	357	---	---	---	---	---	---	86	420
Chile .....	---	---	---	175	288	---	---	---	---	---	---	---	175	288
Colombia .....	---	---	---	---	24	76	---	---	---	---	---	---	---	24
Ecuador .....	11	---	---	---	---	---	---	17	---	---	---	---	---	---
French Guiana .....	---	---	187	---	---	---	---	---	---	---	---	---	---	---
Guyana .....	---	---	---	903	870	---	---	---	---	---	---	---	903	870
Paraguay .....	---	---	---	182	399	4	---	---	---	---	---	---	182	399
Surinam .....	---	100	---	109	250	---	---	---	---	---	---	---	109	350
Venezuela .....	---	---	---	---	22	---	---	---	---	---	---	---	---	22
Total .....	11	100	187	1,455	2,273	457	---	17	---	---	---	---	1,466	2,390
Europe:														
EEC:														
Belgium and Luxembourg .....	69	---	---	2,315	3,710	1,858	120	---	171	---	---	---	2,532	3,710
France .....	---	---	---	14,061	---	59	---	---	---	28	---	---	14,178	---
Germany .....	---	---	---	7,718	8,348	944	---	---	---	117	---	---	7,718	8,348
Italy .....	---	---	---	2,699	26,725	89,692	3,697	---	---	55	845	3,965	6,451	27,570
Netherlands .....	3,976	2,188	---	238,458	391,420	534,010	2,296	15,314	2,882	801	65	---	305,531	408,787
Other Western Europe:														
Denmark .....	---	---	---	325,251	430,003	626,563	6,113	15,314	3,071	1,001	910	3,965	336,110	448,415
Greece .....	---	---	---	179	9	---	---	---	---	---	55	44	179	64
Iceland .....	---	---	---	1,115	405	---	---	---	---	---	---	---	1,115	405
Norway .....	---	---	---	---	---	16	---	---	---	---	---	---	---	---
Spain .....	---	---	21	---	---	---	---	---	---	---	---	---	---	---
Sweden .....	---	---	---	596	---	---	---	---	---	---	---	---	596	---
Switzerland .....	---	---	---	66	---	---	---	---	---	---	11	18	77	11
United Kingdom .....	14	---	---	581	3,587	1,177	---	---	---	---	---	---	581	3,587
Total .....	14	---	---	26,141	20,712	30,000	3,785	4,269	---	462	---	22	30,402	24,981
Asia:														
Bahrein .....	---	---	---	352,270	454,716	657,756	9,898	19,593	3,053	1,474	976	4,049	377,701	477,463
Hong Kong .....	---	---	---	---	---	---	---	---	---	---	---	---	---	---
India .....	---	---	14	61	50	11	---	---	---	---	---	---	61	50
Indonesia .....	---	---	---	116	367	66	---	---	---	---	---	---	116	367
Israel .....	---	---	---	---	223	---	---	2	---	11	---	---	---	223
Japan .....	47,606	19,295	35,496	---	---	---	---	---	40	---	---	---	47,606	19,295
Korea, Republic of .....	579	---	---	478	233	83	---	---	---	---	---	---	1,057	293
Malaysia .....	---	---	---	176	81	---	---	---	---	---	---	---	176	81
Nepal .....	---	---	---	87	---	---	---	---	---	---	---	---	87	---
Philippines .....	---	5	---	43	81	---	---	---	---	---	42	---	43	128
Saudi Arabia .....	---	---	---	---	---	---	20	---	---	---	---	---	---	---
Taiwan .....	133	4	---	341	---	---	---	---	---	---	---	---	474	---
Total .....	48,218	14,304	35,510	1,302	1,095	160	20	2	40	11	42	---	49,651	20,443
Africa:														
Algeria .....	---	---	---	172	---	---	---	---	---	---	---	---	172	---
Congo (Kinshasa) .....	---	---	---	527	262	---	---	---	---	---	---	---	527	262
Ghana .....	---	---	---	172	242	---	---	---	---	---	---	---	172	242
Liberia .....	---	49	98	6	11	19	---	---	---	---	---	---	6	60
Libya .....	---	---	---	---	---	14	---	---	---	---	---	---	---	---
Madagascar .....	---	---	---	---	23	---	---	---	---	---	---	---	---	---
Malawi .....	---	---	---	---	11	---	---	---	---	---	---	---	---	---
Sierra Leone .....	15	---	---	---	20	13	---	---	---	---	---	---	15	20
Total .....	15	49	98	877	569	46	---	---	---	---	---	---	892	618
Oceania:														
Australia .....	---	---	---	---	---	---	---	---	---	---	---	---	---	---
French Pacific Islands .....	---	---	---	---	---	21	---	---	---	---	---	---	---	---
Trust Territory of Pac. Isles .....	---	---	---	---	16	---	---	---	---	---	---	---	---	---
Total .....	---	---	---	---	16	---	---	---	---	---	---	---	---	---
World Total .....	54,831	25,093	37,092	373,457	471,382	675,822	10,697	20,397	3,766	1,552	1,179	4,111	440,537	513,051

1/ Includes bran, cracked wheat feed, crushed wheat feed, mixed wheat feed, flakes, middlings, red dog, screenings and shorts. 2/ Includes bran, cracked corn for animal feed, corn grits for animal feed and corn gluten meal. 3/ Includes blowings and clippings, rice middlings, rye middlings, rye screenings and grain screenings.



ALFALFA MEAL: U.S. exports by destination, 1966-67 through 1968-69

Destination	Alfalfa meal, dehydrated			Alfalfa meal, sun-cured			Total		
	1966-67	1967-68	1968-69	1966-67	1967-68	1968-69	1966-67	1967-68	1968-69
North and Central America and Caribbean:									
Canada .....	195	220	315	920	1,027	1,012	1,115	1,247	1,327
Mexico .....	177	670	1,503	5	27	20	182	697	1,523
Costa Rica .....	515	1,048	1,005	--	--	--	515	1,048	1,005
El Salvador .....	1,255	1,740	2,331	--	--	--	1,255	1,740	2,331
Guatemala .....	607	1,272	1,603	--	--	6	607	1,272	1,603
Honduras .....	473	473	411	--	--	--	473	473	417
Nicaragua .....	60	50	--	--	--	--	60	50	--
Panama .....	1,006	914	1,179	--	--	--	1,006	914	1,179
Bahamas .....	4	--	--	--	--	--	4	--	--
Barbados .....	59	50	50	--	--	--	59	50	50
Dominican Republic .....	136	260	222	--	--	--	136	260	222
Jamaica .....	305	375	499	--	25	--	305	400	499
Leeward and Windward Islands .....	--	--	4	--	--	--	--	--	4
Netherlands Antilles .....	--	--	9	--	--	--	--	--	9
Trinidad and Tobago .....	337	256	296	--	--	--	337	256	296
Total .....	5,129	7,328	9,427	925	1,079	1,038	6,054	8,407	10,165
South America:									
Colombia .....	--	20	235	1	--	--	1	20	235
Guyana .....	--	--	9	--	--	--	--	--	9
Peru .....	--	1	--	--	--	--	--	1	--
Surinam .....	34	4	14	--	--	--	34	4	14
Venezuela .....	11,715	13,212	7,937	--	452	49	11,715	13,664	7,986
Total .....	11,749	13,237	8,195	1	452	49	11,750	13,689	8,214
Europe:									
EEC:									
Belgium and Luxembourg .....	115	--	--	1,735	2,385	--	1,850	2,385	--
Germany, West .....	2,201	--	--	--	--	--	2,201	--	--
Netherlands .....	27,747	725	17,515	6,091	6,555	1,884	33,838	7,280	19,399
Total .....	30,063	725	17,515	7,826	8,940	1,884	37,889	9,665	19,399
Other Western Europe:									
Greece .....	49	--	--	--	--	--	49	--	--
Switzerland .....	465	--	--	--	--	--	465	--	--
United Kingdom .....	17,426	14,756	5,600	2,995	--	--	20,421	14,756	5,600
Total .....	17,940	14,756	5,600	2,995	--	--	20,935	14,756	5,600
Total Europe .....	48,003	15,481	23,115	10,821	8,940	1,884	58,824	24,421	24,999
Asia:									
Hong Kong .....	1,000	1,225	1,104	--	--	--	1,000	1,225	1,104
Israel .....	--	6	--	--	--	--	--	6	--
Japan .....	131,960	143,983	191,469	192,878	126,819	189,703	324,838	270,802	381,172
Korea, Republic of .....	--	--	--	--	--	20	--	--	20
Lebanon .....	--	80	75	--	--	--	--	80	75
Nansei and Nanpo Islands .....	201	--	--	374	--	--	575	--	--
Philippines .....	--	--	--	412	478	659	412	478	659
Singapore .....	--	--	5,523	--	--	--	--	--	5,523
Vietnam, South .....	--	--	209	--	--	--	--	--	209
Total .....	133,161	145,294	198,380	193,664	127,297	190,382	326,825	272,591	388,762
Africa:									
Congo (Kinshasa) .....	--	30	--	--	--	--	--	30	--
Total .....	--	30	--	--	--	--	--	30	--
Oceania:									
Australia .....	--	--	114	49	--	--	49	--	114
Total .....	--	--	114	49	--	--	49	--	114
World total .....	198,042	181,370	239,231	205,460	137,768	193,353	403,502	319,138	432,584



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## 1969 WORLD BREADGRAIN CROP DOWN 5.4 PERCENT

### DUE TO REDUCED ACREAGE AND LOWER YIELD

CURRENT SERIAL RECORDS

The second estimate for world production of wheat and rye during 1969 totals 322 million metric tons, on the basis of the latest information available to the Foreign Agricultural Service. A harvest at this level would be 5.4 percent below the record 341 million tons for 1968.

World breadgrain area decreased 22 million acres, or 3.6 percent less than the previous year's high of 53 million acres. Yields of both grains set new records in 1968 -- wheat at 20.5 bushels per acre and rye at 23.0 bushels. The 1969 yields while slightly below 1968, did equal or exceed previous records.

### WHEAT

World wheat production in 1969 is currently estimated at 293 million metric tons, 5.1 percent below the record 308 million tons of 1968, but 5.7 percent above the 277 million-ton crop of 1967. World wheat area is estimated at 533 million acres during 1969. This compares to the 553 million for 1968 and 531 million for 1967.

Total production in the five major exporting countries -- Argentina, Australia, Canada, France, and the United States -- is estimated at 91 million tons compared to 96 million in 1968. The major reduction occurred in the Australian crop -- 20.1 percent. Harvests in the United States and France also dropped -- by 7.4 and 3.0 percent, respectively. These declines were not recovered in the anticipated increased harvests by Canada (5.3%) and Argentina (12.4%). Acreage for each of these 5 countries declined with a composite reduction of 15 million acres. However, yields for Argentina, Canada, and the United States showed increases. The estimated yield of 30.7 bushels is a new record for the United States.

- 2. -

U.S.S.R. (Europe and Asia) 5/



Africa:														
Algeria	4,733	5,630	--	10.0	10.0	--	1,290	1,532	--	56.3	--	--	--	--
Ethiopia	946	--	--	10.5	10.5	--	270	--	--	--	--	--	--	--
Morocco	3,905	4,885	4,360	9.7	18.1	13.6	1,036	2,411	1,613	88.6	59.3	--	--	--
Sudan	47	--	--	23.4	--	--	30	--	--	--	--	--	--	--
Tunisia	2,611	1,606	1,580	6.1	8.8	8.1	432	383	350	14.1	12.9	--	--	--
United Arab Republic	1,440	1,455	--	38.4	38.4	--	1,504	1,518	--	55.8	--	--	--	--
Kenya	267	413	--	16.1	20.1	--	117	226	--	8.3	--	--	--	--
South Africa, Republic of	2,851	4,200	--	11.1	11.1	--	862	1,270	--	46.7	--	--	--	--
Total 4/	17,542	20,244	20,000	11.9	14.4	12.8	5,680	7,928	6,984	291.5	256.8	--	--	--
Asia:														
Cyprus	178	--	--	10.7	14.6	--	52	60	--	2.2	--	--	--	--
Iran	4,925	--	--	20.4	16.2	14.9	2,740	4,800	4,200	176.4	154.3	--	--	--
Iraq	3,060	4,965	5,162	8.7	10.1	8.5	726	1,361	1,189	50.0	43.7	--	--	--
Israel	128	252	210	19.5	25.4	25.2	68	175	145	6.4	5.3	--	--	--
Jordan	604	600	692	8.1	9.3	13.8	133	173	260	6.4	9.6	--	--	--
Lebanon	142	151	151	9.8	10.9	12.2	38	45	50	1.7	1.8	--	--	--
Turkey	19,243	20,015	20,509	13.3	15.4	15.0	6,940	8,400	8,400	308.6	308.6	--	--	--
Syria	2,750	2,200	--	9.7	10.0	--	728	600	--	22.0	--	--	--	--
China, Mainland	62,500	61,776	58,068	12.7	12.5	14.1	21,600	21,000	22,300	771.6	819.4	--	--	--
Afghanistan	5,700	--	--	14.2	--	--	2,200	3,080	--	113.2	--	--	--	--
China, Taiwan	44	35	35	28.4	16.9	15.7	34	17	15	.6	.6	--	--	--
India	33,123	36,860	39,432	12.0	16.5	17.4	10,809	16,568	18,652	608.8	685.3	--	--	--
Japan	1,475	796	709	34.4	46.7	39.2	1,381	1,012	758	37.2	27.9	--	--	--
Korea, South	328	389	--	30.1	32.6	--	269	345	--	12.7	--	--	--	--
Nepal	330	371	388	15.0	21.4	21.5	135	216	227	7.9	8.3	--	--	--
Pakistan	12,301	14,977	14,652	12.1	15.9	17.8	4,065	6,477	7,097	238.0	260.8	--	--	--
Total 4/	147,707	161,353	160,245	13.0	14.7	15.5	52,247	64,667	67,645	2,376.1	2,785.4	--	--	--
Oceania:														
Australia	15,805	26,665	24,200	19.3	20.2	17.8	8,298	14,646	11,700	538.1	430.0	--	--	--
New Zealand	197	312	279	46.3	53.2	52.0	248	451	395	16.6	14.5	--	--	--
Total	16,002	26,977	24,479	19.6	20.6	18.2	8,546	15,097	12,098	554.7	444.5	--	--	--
World total 4/	505,610	552,529	532,647	16.8	20.5	20.2	231,758	308,328	292,665	11,329.2	10,753.6	--	--	--

1/ Years shown refer to year of harvest in the Northern Hemisphere. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus, the crop harvested in the Northern Hemisphere in 1969 is combined with preliminary forecasts for the Southern Hemisphere harvests, which begin late in 1969 and end early in 1970. 2/ Harvested acreage as far as possible. 3/ Metric tons converted to bushels at 36.7437. 4/ Estimated totals include allowances for producing countries not shown. 5/ Production estimated.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attaches and Foreign Service Officers, results of office research, and related information.



RYE: Acreage, yield per acre, and production in specified countries, year of harvest, average 1960-64, annual 1968 and 1969 <sup>1/</sup>

Continent and country	Acreage 2/		Yield per acre		Production	
	Average 1960-64	1968	1969 Preliminary	Average 1960-64	1968	1969 Preliminary
North America:						
Canada	1,000	1,000	1,000	1,000	1,000	1,000
United States	616	679	927	17.9	19.2	17.8
Total	1,699	1,014	1,334	19.2	23.0	23.5
South America:						
Argentina	2,315	1,693	2,261	18.7	21.5	21.2
Total <sup>4/</sup>	1,553	1,478	--	12.0	9.6	--
Europe:						
EC:	1,642	1,556	1,556	12.1	9.8	9.4
Belgium	114	67	55	47.3	51.1	52.5
Luxembourg	8	6	3	34.5	33.5	35.0
France	620	403	390	23.7	32.0	32.2
Germany, West	2,906	2,377	2,157	43.7	55.4	53.8
Italy	141	104	96	24.9	28.4	29.1
Netherlands	291	185	153	47.9	50.9	50.7
Total EC	4,080	3,142	2,854	40.4	49.1	49.0
Austria	451	351	364	35.0	46.3	47.3
Denmark	356	96	96	46.2	54.2	52.1
Finland	230	178	183	24.0	29.8	30.1
Greece	59	25	19	16.0	16.0	15.8
Norway	3	3	3	39.3	66.7	33.3
Portugal	745	591	536	8.6	13.2	12.1
Spain	1,149	917	865	13.5	15.6	15.8
Sweden	160	168	173	37.9	49.4	40.5
Switzerland	37	42	37	54.3	54.8	58.7
United Kingdom	19	10	7	41.4	40.0	57.1
Total Western Europe	7,289	5,523	5,137	32.1	38.8	38.5
Bulgaria	160	59	74	15.8	15.3	16.0
Czechoslovakia	1,071	835	677	33.5	36.3	39.1
Germany, East	2,088	1,816	1,581	33.6	42.0	31.9
Hungary	621	469	477	17.3	20.0	20.6
Poland	11,608	10,625	10,625	25.1	31.6	29.5
Romania	216	109	111	16.6	17.3	17.7
Yugoslavia	437	326	309	16.7	16.7	17.2
Total Eastern Europe	16,201	14,239	13,824	26.0	32.3	29.5
Total	23,490	19,762	18,991	27.9	34.1	31.9
U.S.S.R. (Europe and Asia) <sup>5/</sup>	40,340	30,317	28,416	13.0	16.9	16.5
Africa:						
Total	50	53	63	8.7	5.2	6.9
Asia:						
Turkey	1,560	1,705	1,730	17.0	18.0	17.5
Total <sup>4/</sup>	1,647	1,751	1,775	17.0	18.1	17.7
World total <sup>4/</sup>	69,550	55,222	53,162	18.3	23.0	22.0
				32,331	32,257	29,716
						1,270.1
						1,170.1

<sup>1/</sup> Years shown refer to year of harvest in the Northern Hemisphere. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus, the crop in the Northern Hemisphere in 1969 is combined with preliminary forecasts for the Southern Hemisphere harvests, which begin late in 1969 and end early in 1970. <sup>2/</sup> Harvested acreage as far as possible. <sup>3/</sup> Metric tons converted to bushels at 39.36825. <sup>4/</sup> Estimated totals include allowances for producing countries not shown. <sup>5/</sup> Production estimated.

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West European production totaled 45 million tons, a decline of 4.9 percent. The Common Market countries make up almost 70 percent of the total, and are also down slightly. Only Greece shows any sizable increase over the previous year -- 15.9 percent. The main factor that caused the reduction was adverse weather conditions; however, governmental policies in certain countries were another factor.

The East European crop is estimated at 26 million tons, only 388,000 tons more than 1968. In northern countries, particularly East Germany and Poland, 1969 prospects were estimated below the record levels of 1968, because of a late and cold spring with below normal rainfall. The situation was greatly improved over the previous year for most of the southern countries which were particularly affected by drought. Yugoslavia is expecting a record crop of 4.9 million tons as a result of continued increase in acreage and improved farm methods.

The Soviet Union produced its second largest crop in 1968 -- 76.6 million tons, or 19.7 percent greater than 1967. The crop of 1969 is estimated at 65 million, a reduction of 15.1 percent. The reduced prospects are attributed to a severe winter, a late spring, lack of adequate precipitation, and a shortage of manpower and machinery at time of harvest.

Asia's crop, estimated at 68 million tons, shows a continued upward trend. The 4.6 percent increase over 1968 is due mainly to record harvests in India and Pakistan. Some increase is also indicated for Mainland China. Total acreage in Asia is down by only 1 million acres. However, the 7 percent increase in India was almost offset by the decrease in Mainland China. The increase in production on less acreage reflects the greater use of improved varieties and better cultural methods, which in turn resulted in considerably higher yields.

Production in Africa was down 944,000 tons from 1968 due mainly to the one-third decline in Morocco's crop. Most other countries are estimated to have the same or smaller harvests. The exception is in the Republic of South Africa which anticipates another record crop.

The South American 1969 wheat crop is estimated at 9.5 million tons, an increase of 10.3 percent over the previous year. Omitting the Argentine crop, the other countries still show an increase of 6.0 percent with Brazil anticipating a record.

#### RYE

World rye production in 1969 is estimated at 29.7 million metric tons, a decline of 7.9 percent. Acreage is also down by 3.7 percent to 53 million. These reductions resulted in decreased world yield at 22.0 bushels per acre.



The crops of Canada and the United States totaled 1.2 million tons compared to 924,000 tons in 1968. Soil moisture and growing conditions were very favorable which resulted in a 31.7 percent increase from 568 acres more than the previous year.

Western Europe's crop is placed at 5.5 million tons, a decrease of 8.0 percent. Acreage declined 7.0 percent and yields were just under the record 38.8 bushels per acre of 1968. The Common Market countries produced 3.6 million tons -- 9.4 percent less than the previous year. Austria and Finland were the only countries to show an increase in harvest.

Production in East Europe is estimated at 15.4 million tons -- a decline of 10.1 percent. Poland and East Germany are the major producers, but drought took a severe toll of their crops. The USSR indicates a reduction of slightly over one million tons due to substitution of spring grains as a result of the severe winter.

Turkey's rye crop is placed at 770,000 tons, down 1.3 percent on an increase of 25,000 acres.

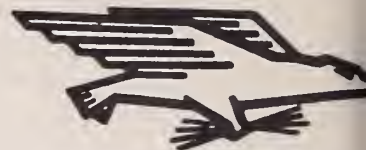
Production in Argentina is estimated at 346,000 tons -- a decrease of 3.9 percent.





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## WORLD BREADGRAIN CROPS

### CONFIRMED 5 PERCENT LESS

The third estimate for world production of wheat and rye during 1969 totals 322 million metric tons, on the basis of the latest information available to the Foreign Agricultural Service. A harvest at this level would be 5.2 percent lower than the record 1968 crop of 340 million tons.

Combined area of 583,500 acres is a decrease of 4.8 percent from the record of 1968. Yields of both grains were down slightly from the record 1968 levels to 20.2 bushels per acre for wheat and 22.7 bushels for rye.

### WHEAT

World wheat production in 1969 is currently estimated at 292 million metric tons, 5.2 percent below the record 308 million of 1968, but still 5.3 percent above the 1967 crop. World wheat area is estimated at 530 million acres during 1969, a decrease of 21 million from the previous year.

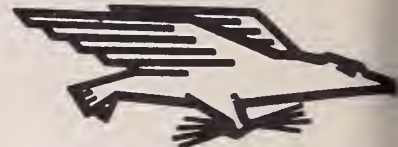
### RYE

World rye production in 1969 is estimated at 30.6 million metric tons, a decline of 4.3 percent. Acreage at 53 million was down 3.8 percent.



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## WORLD BREADGRAIN CROPS

### CONFIRMED 5 PERCENT LESS

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### WHEAT

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### RYE

World rye production in 1969 is estimated at 30.6 million metric tons, a decline of 4.3 percent. Acreage at 53 million was down 3.8 percent.



WHEAT: Acreage, yield per acre, and production in specified countries, year of harvest, average 1960-64, annual 1968 and 1969 1/

Continent and Country	Acreage 2/			Yield per acre			Production		
	Average	1968	1969	Average	1968	1969	Average	1968	1969
	1960-64		Preliminary	1960-64		Preliminary	1960-64		Preliminary
	1,000	1,000	1,000				1,000	1,000	1,000
	acres	acres	acres				m. t.	m. t.	m. t.
North America:									
Canada	26,797	29,422	24,968	20.1	22.1	27.4	14,651	17,686	18,623
United States	48,481	55,262	47,555	25.2	28.5	30.7	33,254	42,899	39,705
Mexico	1,962	1,772	1,767	28.3	37.2	41.6	1,510	1,793	2,000
Guatemala	83	94	99	10.6	13.3	13.4	24	34	36
Total	77,323	86,550	74,389	23.5	26.5	29.8	49,439	62,412	60,364
South America:									
Argentina	11,651	14,423	12,628	22.6	14.6	19.8	7,164	5,740	6,800
Brazil	1,015	1,903	2,471	8.6	13.4	16.4	238	693	1,100
Chile	2,090	1,836	1,908	21.3	24.3	25.0	1,213	1,214	1,300
Colombia	350	259	180	13.0	17.7	16.3	124	125	80
Ecuador	166	173	185	13.7	14.4	12.9	62	68	65
Peru	377	321	371	14.6	13.7	13.9	150	120	140
Uruguay	1,107	1,322	830	14.1	13.1	17.8	424	470	403
Total 4/	16,960	20,466	15,837	20.4	15.2	19.5	9,425	8,492	9,975
Europe:									
EC:									
Belgium	513	502	492	57.2	61.4	56.8	798	839	761
Luxembourg	48	37	35	34.4	39.7	39.2	45	40	48
France	10,459	10,104	9,998	41.8	54.5	53.4	11,906	14,985	14,535
Germany, West	3,430	3,618	3,692	50.7	62.9	59.7	4,731	6,198	6,000
Italy	10,996	10,576	10,423	27.6	33.5	33.6	8,259	9,655	9,537
Netherlands	326	378	383	66.8	66.0	64.9	593	679	677
Total EC	25,772	25,215	25,023	37.5	47.2	46.3	26,332	32,396	31,558
Austria	683	755	708	38.3	50.9	49.3	712	1,045	950
Denmark	299	237	242	59.8	71.9	65.1	487	464	429
Finland	598	596	561	25.9	44.1	33.7	422	716	515
Greece	2,690	2,538	2,496	23.5	21.9	25.8	1,717	1,515	1,751
Ireland	294	222	200	43.9	60.9	59.7	351	368	325
Norway	21	12	7	38.5	49.0	36.7	22	16	7
Portugal	1,754	1,517	1,317	11.0	18.1	10.7	526	747	382
Spain	10,251	9,760	9,251	14.8	20.6	18.6	4,120	5,477	4,691
Sweden	683	605	652	46.1	64.3	51.8	856	1,059	919
Switzerland	257	245	240	49.0	61.0	56.3	343	407	368
United Kingdom	2,064	2,417	2,058	58.6	52.7	59.9	3,293	3,469	3,353
Total Western Europe	45,366	44,119	42,755	31.7	39.7	38.9	39,181	47,679	45,248
Albania	283	341	--	12.9	13.3	--	99	123	--
Bulgaria	3,057	2,614	2,538	25.2	35.5	36.4	2,100	2,527	2,517
Czechoslovakia	1,739	2,469	2,607	35.5	46.9	46.2	1,682	3,153	3,280
Germany, East	1,027	1,408	1,458	46.1	62.0	54.6	1,288	2,377	2,165
Hungary	2,594	3,281	3,264	26.2	37.5	40.3	1,849	3,352	3,579
Poland	3,619	4,660	4,967	28.2	36.8	36.3	2,781	4,670	4,910
Romania	7,256	6,961	6,425	19.4	25.6	24.8	3,823	4,848	4,345
Yugoslavia	5,135	4,967	4,989	25.9	32.3	35.9	3,618	4,360	4,880
Total Eastern Europe	24,710	26,701	26,588	25.6	34.7	35.7	17,240	25,410	25,801
Total Europe 4/	70,076	70,820	69,343	29.6	37.9	37.6	56,421	73,089	71,049
U.S.S.R. (Europe and Asia) 5/	160,000	166,128	163,827	11.5	16.9	14.6	50,000	76,600	65,200

U.S.S.R. (Europe and Asia) 5/



Africa:														
Algeria	4,733	5,630	--	10.0	10.0	--	1,290	1,532	--	56.3	--	--	--	--
Ethiopia	946	--	--	10.5	--	--	270	--	--	--	--	--	--	--
Morocco	3,905	4,885	4,359	9.7	18.1	13.6	1,036	2,411	1,613	88.6	59.3	59.3	59.3	59.3
Sudan	47	--	--	23.4	--	--	30	--	160	--	5.9	12.9	12.9	12.9
Tunisia	2,611	1,606	1,581	6.1	8.8	8.1	432	383	350	14.1	55.8	55.8	55.8	55.8
United Arab Republic	1,440	1,455	--	38.4	38.4	--	1,504	1,518	--	--	--	--	--	--
Kenya	267	413	--	16.1	20.1	--	117	226	--	8.3	--	--	--	--
South Africa, Republic of	2,851	3,954	4,201	11.1	11.8	11.5	862	1,272	1,320	46.7	48.5	48.5	48.5	48.5
Total 4/	17,542	19,998	19,671	11.9	14.6	13.2	5,680	7,930	7,089	291.5	260.7	260.7	260.7	260.7
Asia:														
Cyprus	178	150	--	10.7	14.7	--	52	60	85	2.2	3.1	3.1	3.1	3.1
Iran	4,925	11,861	11,367	20.4	13.6	12.6	2,740	4,400	3,900	161.7	143.3	143.3	143.3	143.3
Iraq	3,060	4,965	5,162	8.7	10.1	8.5	726	1,361	1,189	50.0	43.7	43.7	43.7	43.7
Israel	128	252	210	19.5	25.5	25.4	68	175	145	6.4	5.3	5.3	5.3	5.3
Jordan	604	600	692	8.1	9.3	13.8	133	173	260	6.4	9.6	9.6	9.6	9.6
Lebanon	142	151	151	9.8	10.9	12.2	38	45	50	1.7	1.8	1.8	1.8	1.8
Turkey	19,243	20,015	20,509	13.3	15.4	14.9	6,940	8,400	8,300	308.6	305.0	305.0	305.0	305.0
Syria	2,750	2,200	--	9.7	10.0	--	728	600	600	22.0	22.0	22.0	22.0	22.0
China, Mainland	62,500	61,776	58,068	12.7	12.5	14.1	21,600	21,000	22,300	771.6	819.4	819.4	819.4	819.4
Afghanistan	5,700	--	--	14.2	--	--	2,200	3,080	--	113.2	--	--	--	--
China, Taiwan	44	35	35	28.4	16.9	15.7	34	17	15	.6	.6	.6	.6	.6
India	33,123	37,060	39,432	12.0	16.3	17.4	10,809	16,540	18,652	607.7	685.3	685.3	685.3	685.3
Japan	1,475	796	709	34.4	46.7	39.2	1,381	1,012	758	37.2	27.9	27.9	27.9	27.9
Korea, South	328	389	--	30.1	32.6	--	269	345	374	12.7	13.7	13.7	13.7	13.7
Nepal	330	371	388	15.0	21.4	21.5	135	216	227	7.9	8.3	8.3	8.3	8.3
Pakistan	12,301	14,977	15,511	12.1	15.9	15.9	4,065	6,477	6,711	238.0	246.6	246.6	246.6	246.6
Total 4/	147,707	160,264	159,791	13.0	14.7	15.4	52,247	64,239	66,867	2,360.3	2,456.9	2,456.9	2,456.9	2,456.9
Oceania:														
Australia	15,805	26,797	24,200	19.3	20.3	16.7	8,298	14,805	10,995	544.0	404.0	404.0	404.0	404.0
New Zealand	197	313	274	46.3	52.2	43.9	248	445	327	16.4	12.0	12.0	12.0	12.0
Total	16,002	27,110	24,474	19.6	20.7	17.0	8,546	15,250	11,322	560.4	416.0	416.0	416.0	416.0
World total 4/	505,610	551,336	530,332	16.8	20.5	20.2	231,758	308,012	291,866	11,317.6	10,724.6	10,724.6	10,724.6	10,724.6

1/ Years shown refer to year of harvest in the Northern Hemisphere. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus, the crop harvested in the Northern Hemisphere in 1969 is combined with preliminary forecasts for the Southern Hemisphere harvests, which begin late in 1969 and end early in 1970. 2/ Harvested acreage as far as possible. 3/ Metric tons converted to bushels at 36.7437. 4/ Estimated totals include allowances for producing countries not shown. 5/ Production estimated.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attaches and Foreign Service Officers, results of office research, and related information.

RYE: Acreage, yield per acre, and production in specified countries, year of harvest, average 1960-64, annual 1968 and 1969 1/

Continent and Country	Acreage 2/		Yield per acre		Production	
	Average 1960-64	1968	1969 Preliminary	Average 1960-64	1968	1969 Preliminary
North America:						
Canada	616	679	927	17.9	19.2	17.8
United States	1,599	1,014	1,334	19.2	23.0	23.6
Total 1/	2,215	1,693	2,261	18.7	21.5	21.2
South America:						
Argentina	1,553	1,492	--	12.0	9.5	--
Total 1/	1,612	1,569	1,567	12.1	9.7	9.4
Europe:						
EC:						
Belgium	114	67	54	47.3	51.1	53.2
Luxembourg	8	5	2	34.5	39.4	78.5
France	620	403	390	23.7	31.9	32.2
Germany, West	2,906	2,377	2,157	43.7	52.8	52.7
Italy	141	104	94	24.9	28.4	29.7
Netherlands	291	185	153	47.9	50.9	53.3
Total EC	4,080	3,141	2,850	40.4	49.2	49.2
Austria	451	351	364	35.0	46.3	47.6
Denmark	356	96	96	46.2	53.7	51.7
Finland	230	178	183	24.0	29.6	30.1
Greece	59	25	20	16.0	14.2	15.8
Norway	3	2	5	39.3	78.5	39.4
Portugal	745	591	563	8.6	13.3	11.5
Spain	1,149	917	823	13.5	15.6	16.6
Sweden	160	168	173	37.9	49.2	40.5
Switzerland	37	42	37	54.3	55.3	57.5
United Kingdom	19	10	10	41.4	43.3	43.3
Total Western Europe	7,289	5,521	5,124	32.1	38.9	38.7
Bulgaria	150	59	59	15.8	15.3	18.7
Czechoslovakia	1,071	835	677	33.5	36.3	39.1
Germany, East	2,088	1,816	1,581	33.6	42.0	36.9
Hungary	621	469	477	17.3	20.0	20.6
Poland	11,608	10,625	10,625	25.1	31.6	32.0
Romania	216	109	111	16.6	17.3	17.7
Yugoslavia	437	326	304	16.7	16.7	17.5
Total Eastern Europe	15,201	14,239	13,894	26.0	32.3	32.0
Total Europe	23,490	19,760	18,958	27.9	34.1	33.8
U.S.S.R. (Europe and Asia) 5/	40,340	30,317	28,416	13.0	16.5	16.1
Africa:						
South Africa, Republic of	50	79	62	8.7	3.5	4.5
Asia:						
Turkey	1,560	1,705	1,730	17.0	18.0	17.5
Total 1/	1,617	1,751	1,775	17.0	18.1	17.7
Oceania:						
Total 1/	66	97	100	7.2	6.1	8.7
World total 1/	69,550	55,266	53,139	18.3	22.8	22.7

1/ Years shown refer to year of harvest in the Northern Hemisphere. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus, the crop in the Northern Hemisphere in 1969 is combined with preliminary forecasts for the Southern Hemisphere harvests, which begin late in 1969 and end early in 1970. 2/ Harvested acreage as far as possible. 3/ Metric tons converted to bushels at 39.36825. 4/ Estimated totals include allowances for producing countries not shown. 5/ Production estimated.

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April 1970

## WORLD PRODUCTION OF BARLEY AND OATS

CURRENT SERIAL RECORDS

### AT RECORD LEVEL IN 1969

World barley and oats production in 1969 totaled 164.4 million metric tons, just over the 1968 record of 164.0 million tons, according to the latest information available to the Foreign Agricultural Service.

### BARLEY

World barley production is placed at 113.8 million tons, up 1 percent for the year, as world area gained 3 percent to 171.9 million acres.

North America produced 17.5 million tons of barley in 1969, 6 percent above the 1968 crop. The Canadian crop was a record 8.2 million tons, up 16 percent with area and yield contributing equally to the increase. The United States harvested 9.1 million tons of barley, down from 9.2 million, although yields set a new high.

European barley production totaled a record 47.9 million tons, 4 percent over 1968. Per acre yields were generally at the same level as the previous year.

The West European barley harvest was 38.9 million tons, up 3 percent. The EC produced 15.8 million tons, 2 percent higher for the year. The French crop of 9.3 million tons was up 2 percent, and the West German up 3 percent to a record 5.1 million tons. Denmark and Spain had record crops of 5.3 and 3.9 million tons respectively, both on larger acreages. The United Kingdom output of 8.8 million tons was up 6 percent on increased yield.

The East European barley crop was up 6 percent at 9.0 million tons. Czechoslovakia and Poland had record harvests, up 18 percent and 16 percent respectively, on significantly larger areas. The East German crop was down 10 percent, a result of adverse weather throughout the season.



BARLEY: Acreage, yield per acre, and production in specified countries, year of harvest, average 1960-64, annual 1968 and 1969 1/

Continent and Country	Acreage 2/		Yield per acre			Production		
	Average : 1960-64	1968	Average : 1960-64	1968	Average : 1960-64	1968	1969 3/	1968 : 1969 3/
<b>North America:</b>								
Canada	5,866	8,836	29.4	36.8	3,752	7,084	8,238	325.4
United States	12,078	9,709	33.8	43.6	8,831	9,209	9,082	423.0
Mexico	572	556	13.5	16.4	169	198	203	9.1
Total	18,516	19,101	31.6	39.7	12,752	16,491	17,523	757.4
<b>South America:</b>								
Argentina	1,517	1,332	22.8	19.1	753	556	523	25.5
Chile	169	109	33.2	33.7	122	80	90	3.7
Colombia	168	106	29.8	30.3	109	70	80	3.2
Ecuador	265	264	14.9	19.1	86	110	100	5.1
Peru	449	444	19.0	17.6	186	170	175	7.8
Uruguay	120	99	13.1	22.3	34	48	41	2.2
Total	2,688	2,354	22.0	20.2	1,290	1,034	1,009	47.5
<b>Europe:</b>								
<b>EC:</b>								
Belgium	305	381	69.0	69.2	458	574	557	26.4
France	5,644	6,872	50.8	61.1	6,239	9,139	9,342	419.8
Germany, West	2,735	3,286	57.7	69.5	3,433	4,974	5,130	228.5
Italy	516	432	23.7	27.4	266	258	292	11.8
Luxembourg	20	35	46.0	41.7	20	47	53	2.4
Netherlands	227	264	75.7	67.7	374	389	389	17.9
Total EC	9,447	11,270	52.5	62.7	10,790	15,381	15,763	706.6
Austria	517	588	51.2	60.2	576	770	935	35.4
Denmark	2,112	3,099	70.5	74.8	3,241	5,047	5,255	231.8
Finland	560	887	31.8	40.0	387	774	842	35.5
Greece	456	870	25.0	25.7	248	487	529	22.4
Ireland	396	452	58.2	69.9	502	689	750	31.6
Norway	407	435	47.7	65.5	423	621	454	28.5
Portugal	305	334	8.5	12.9	56	94	56	4.3
Spain	3,536	5,058	24.6	33.7	1,893	3,708	3,855	170.3
Sweden	933	1,366	51.6	59.7	1,049	1,776	1,530	81.6
Switzerland	75	74	60.3	68.9	99	112	135	5.1
United Kingdom	4,186	5,933	64.6	64.0	5,891	8,270	8,788	379.8
Total Western Europe	22,930	30,366	50.4	57.1	25,155	37,729	38,892	1,732.9
Bulgaria	793	996	37.2	37.4	643	810	919	37.2
Czechoslovakia	1,717	1,759	43.5	55.2	1,625	2,113	2,488	97.0
Germany, East	1,029	1,470	54.2	66.3	1,214	2,121	1,910	97.4
Hungary	1,278	954	34.5	43.5	960	904	905	41.5
Poland	1,754	1,574	35.1	43.6	1,342	1,494	1,735	68.6
Romania	603	722	30.3	37.5	398	590	615	27.1
Yugoslavia	892	771	27.1	26.8	527	450	459	20.7
Total Eastern Europe	8,066	8,246	38.2	47.2	6,709	8,482	9,031	389.6
Total Europe	30,996	38,612	47.2	55.0	31,864	46,211	47,923	2,122.5
<b>U.S.S.R. (Europe and Asia) 1/</b>								
	41,513	48,432	17.8	22.9	16,117	24,200	24,310	1,111.5
								1,116.5

Africa:														
Algeria	2,254	1,779	--	11.6	13.9	--	569	538	--	24.7	--	--	--	--
Morocco	4,254	4,685	4,124	11.9	21.8	14.6	1,104	2,224	1,309	102.1	60.1	60.1	60.1	60.1
Tunisia	1,310	840	852	4.8	5.5	3.8	138	100	70	4.6	3.2	3.2	3.2	3.2
United Arab Republic	133	--	--	49.0	--	--	142	--	--	--	--	--	--	--
South Africa, Republic of	84	125	--	19.7	12.8	--	36	34	18	1.6	0.8	0.8	0.8	0.8
Total 5/	10,410	9,990	9,117	12.2	17.7	13.3	2,764	3,846	2,647	176.6	121.6	121.6	121.6	121.6
Asia:														
Cyprus	161	--	--	19.1	--	--	67	50	105	2.3	4.8	4.8	4.8	4.8
Iran	3,500	4,201	3,954	12.5	13.9	13.9	950	1,270	1,200	58.3	55.1	55.1	55.1	55.1
Iraq	2,590	--	--	15.1	--	--	851	750	--	34.4	--	--	--	--
Israel	165	96	62	18.0	11.5	17.7	65	25	25	1.1	1.1	1.1	1.1	1.1
Syria	1,859	--	--	13.4	--	--	542	300	--	13.8	--	--	--	--
Turkey	6,816	6,746	6,758	22.3	23.8	24.5	3,310	3,500	3,600	160.8	165.3	165.3	165.3	165.3
Afghanistan	862	--	--	20.1	--	--	378	--	--	--	--	--	--	--
India	7,765	8,340	6,815	15.6	19.3	16.3	2,630	3,504	2,424	160.9	111.3	111.3	111.3	111.3
Japan	1,575	781	699	46.5	60.0	53.4	1,593	1,021	812	46.9	37.3	37.3	37.3	37.3
Korea, South	2,100	2,417	2,422	29.1	39.6	39.2	1,332	2,084	2,066	95.7	94.9	94.9	94.9	94.9
Pakistan	541	490	455	11.6	11.6	11.6	136	122	115	5.6	5.3	5.3	5.3	5.3
Total 5/	46,085	44,246	42,345	18.6	20.3	19.9	18,660	19,526	18,357	896.8	843.1	843.1	843.1	843.1
Oceania:														
Australia	2,263	3,314	4,000	22.3	22.8	21.6	1,097	1,646	1,882	75.6	86.4	86.4	86.4	86.4
New Zealand	82	148	128	54.8	68.0	61.0	98	219	170	10.1	7.8	7.8	7.8	7.8
Total	2,345	3,462	4,128	23.4	24.8	22.8	1,195	1,865	2,052	85.7	94.2	94.2	94.2	94.2
World total 5/	152,550	166,200	171,900	25.5	31.3	30.4	84,600	113,200	113,800	5,199.2	5,226.8	5,226.8	5,226.8	5,226.8

1/ Years shown refer to years of harvest in the Northern Hemisphere. Harvests of Northern Hemisphere countries are combined with those of Southern Hemisphere which immediately follow; thus, the crop harvested in the Northern Hemisphere in 1969 is combined with estimates for Southern Hemisphere harvests which begin late in 1969 and end early in 1970. 2/ Harvested area as far as possible. 3/ Preliminary. 4/ Production estimated. 5/ Estimated totals include allowances for producing countries not shown.

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OATS: Acreage, yield per acre, and production in specified countries, year of harvest,  
average 1960-64, annual 1968 and 1969 1/

Continent and Country	Acreage 2/			Yield per acre			Production				
	Average 1960-64	1968	1969 3/	Average 1960-64	1968	1969 3/	Average 1960-64	1968	1969 3/	1968	1969 3/
		1,000 acres	1,000 acres		Bushels	Bushels	1,000 m. t.	1,000 m. t.	1,000 m. t.	Million bushels	Million bushels
North America:											
Canada 4/	9,210	7,556	7,655	42.7	48.0	48.5	6,070	5,591	5,728	362.5	371.4
United States	22,784	17,533	18,003	43.9	53.6	52.8	14,496	13,633	13,787	939.2	949.9
Mexico	213	136	91	23.3	15.2	15.1	72	30	20	2.1	1.4
Total	32,207	25,225	25,749	44.1	52.6	52.3	20,638	19,254	19,535	1,325.5	1,345.9
South America:											
Argentina	1,502	1,095	--	34.3	30.8	--	748	490	381	33.8	26.2
Chile	275	200	188	31.4	32.7	33.3	125	95	91	6.5	6.3
Uruguay	204	220	185	22.0	22.9	22.3	65	73	60	5.0	4.1
Total	1,981	1,515	1,273	32.6	29.9	28.8	938	658	532	45.3	36.7
Europe:											
EC:											
Belgium	308	215	208	93.5	100.9	93.7	418	315	283	21.7	19.5
France	3,254	2,345	2,147	55.6	74.3	75.4	2,628	2,528	2,349	174.2	161.8
Germany, West	1,883	2,029	2,125	80.9	98.2	96.5	2,211	2,893	2,976	199.3	205.0
Italy	1,003	798	771	36.1	33.7	43.9	525	390	491	26.9	33.8
Luxembourg	39	32	35	65.4	73.2	86.6	37	34	44	2.3	3.0
Netherlands	282	188	203	103.8	116.5	109.3	425	318	322	21.9	22.2
Total EC	6,769	5,607	5,489	63.6	79.6	81.1	6,244	6,478	6,465	446.3	445.4
Austria	376	294	252	61.5	75.9	78.6	336	324	288	22.3	19.8
Denmark	472	539	504	101.2	110.4	104.6	693	863	765	59.5	52.7
Finland	1,153	1,208	1,295	50.5	60.7	61.0	846	1,064	1,146	73.3	79.0
Greece	311	257	235	33.1	28.0	34.9	150	105	119	7.2	8.2
Ireland	352	217	188	71.6	86.6	84.0	366	273	230	18.8	15.8
Norway	136	124	114	70.4	97.6	69.3	139	176	114	12.1	7.9
Portugal	689	554	531	7.9	16.1	11.1	79	129	85	8.9	5.9
Spain	1,347	1,265	1,231	23.5	28.5	29.8	459	522	533	36.0	36.7
Sweden	1,240	1,147	1,127	70.7	91.5	67.0	1,272	1,523	1,096	104.9	75.5
Switzerland	33	20	25	89.8	105.0	92.0	43	30	34	2.1	2.3
United Kingdom	1,529	944	944	76.8	89.4	98.5	1,705	1,225	1,350	84.4	93.0
Total Western Europe	14,407	12,176	11,935	59.0	71.9	70.6	12,332	12,712	12,225	875.8	842.2



Bulgaria .....	373	237	188	30.3	20.4	28.6	164	70	78	4.8	5.4
Czechoslovakia .....	1,097	1,011	988	54.6	59.2	67.4	870	869	967	59.9	66.6
Germany, East .....	835	633	618	74.3	94.0	82.7	900	864	742	59.5	51.1
Hungary .....	245	133	116	34.9	35.2	46.9	124	68	79	4.7	5.4
Poland .....	3,988	3,447	3,212	46.6	57.8	60.3	2,700	2,891	2,810	199.2	193.6
Romania .....	447	326	321	28.7	24.1	34.6	186	114	161	7.9	11.1
Yugoslavia .....	801	704	675	30.1	28.9	31.4	350	295	308	20.3	21.2
Total Eastern Europe .....	7,786	6,491	6,118	46.8	54.9	57.9	5,294	5,171	5,145	356.3	354.5
Total Europe .....	22,193	18,667	18,053	54.7	66.0	66.3	17,626	17,883	17,370	1,232.0	1,196.7
U.S.S.R. (Europe and Asia) 5/ .....	21,050	22,239	22,239	21.5	30.0	30.9	6,560	9,700	9,960	668.3	686.2
Africa:											
Morocco .....	58	49	52	20.2	34.7	21.2	17	25	16	1.7	1.1
South Africa, Republic of .....	509	688	--	15.6	14.5	--	115	145	129	10.0	8.9
Total 6/ .....	710	822	782	16.0	15.9	14.1	165	190	160	13.1	11.0
Asia:											
Turkey .....	1,019	902	927	31.3	34.4	35.7	463	450	480	31.0	33.1
Japan .....	192	101	84	54.3	63.4	54.8	151	93	67	6.4	4.6
Total 6/ .....	4,849	4,433	4,441	21.3	21.1	21.1	1,502	1,359	1,363	93.6	93.9
Oceania:											
Australia .....	3,383	3,872	4,800	25.0	30.4	24.0	1,228	1,710	1,669	117.8	115.0
New Zealand .....	33	39	38	85.9	90.1	79.8	41	51	44	3.5	3.0
Total .....	3,416	3,911	4,838	25.6	31.0	24.4	1,269	1,761	1,713	121.3	118.0
World total 6/ .....	86,400	76,800	77,400	38.8	45.6	45.0	48,700	50,800	50,600	3,499.8	3,486.1

1/ Years shown refer to year of harvest in the Northern Hemisphere. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus, the crop harvested in the Northern Hemisphere in 1969 is combined with estimates for the Southern Hemisphere harvests which begin late in 1970. 2/ Harvested area as far as possible. 3/ Preliminary. 4/ Production and yield reported in bushels of 34 pounds. 5/ Production estimated. 6/ Estimated totals include allowances for producing countries not shown.

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Barley production in the Soviet Union is estimated at 24.3 million tons, about the same as in 1968, even though area was larger by 12 percent.

The African barley crop dropped sharply as Morocco returned to a more normal production of 1.3 million tons, well below the remarkable outturn of the previous season.

The Asian harvest estimated at 18.4 million tons was off 6 percent, mainly due to sharp drops in the Indian and Japanese crops.

Australia had a 1.9-million-ton barley crop, 14 percent over the previous year's record, as acreage was sharply increased.

#### OATS

World oat production in 1969 is estimated at 50.6 million tons, barely below the 1968 harvest. The per acre yield was also little changed.

The North American oat crop at 19.5 million tons was only slightly higher. Canada produced 5.7 million tons, up 2 percent, and the United States 13.8 million tons, up 1 percent.

The South American outturn is estimated 19 percent lower at 532,000 tons, mainly reflecting reduced performance in Argentina.

West European oat production totaled 12.2 million tons, down 4 percent. The EC crop was little changed with West Germany producing a record 3.0 million tons, up 3 percent, and France 2.3 million tons, down 7 percent. Finland had a record 1.1-million-ton harvest, but the Swedish crop, because of drought, was 28 percent below the 1968 high.

The East European oat crop at 5.1 million tons was about the same as a year earlier. A 100,000-ton improvement in the Czechoslovak outturn was countered by a decline of similar size in East Germany.

The Australian crop at 1.7 million tons was down 2 percent for the year and 3 percent below the 1966 record.





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## GRAIN STOCKS IN MAJOR EXPORTING COUNTRIES

### 8 PERCENT HIGHER ON JANUARY 1

Grain stocks in the United States, Canada, Argentina, and Australia on January 1, 1970, totaled 258 million metric tons, 8 percent over the record level of the previous year, according to Foreign Agricultural Service estimates.

Wheat stocks at 102.8 million tons were 14 percent over 1969 and 7 percent above the previous record of 1961. Barley stocks were also a record at 21.7 million tons, up 18 percent for the year. Rye stocks were up one-fifth to 1.6 million tons, while oats totaled 21.2 million tons, up 10 percent. Corn stocks at 111.7 million tons were about the same as last year.

Stocks of the five grains in the United States on January 1 totaled 172.8 million tons, 5 percent higher than a year earlier and the largest since 1964. Wheat stocks at 41.6 million tons represented a gain of 13 percent in each of the last 2 years. This was, however, well below the 50.9-million-ton average in the 5 years 1960-64. Stocks of oats and barley each gained 13 percent, to 12.8 and 9.1 million tons respectively, the latter at a record level. Corn stocks were up 2 percent at 109.6 million tons and rye was up 22 percent at 753,000 tons. Additionally, grain sorghum supplies were 17.6 million tons, down 7 percent.

The overall increase in United States grain stocks was mainly due to reduced exports in each of the grains, during CY 69 as compared to CY 68, due in large measure to the dock strike that lasted until mid-March 1969.



## GRAINS: Estimated Stocks in Principal Exporting Countries, January 1, 1950-70 1/

Country and year	Wheat	Rye	Barley	Oats	Corn	Total
	1,000	1,000	1,000	1,000	1,000	1,000
	m. t.	m. t.	m. t.	m. t.	m. t.	m. t.
United States:						
Average 1950-54.....	28,304	406	4,267	12,425	65,583	110,985
Average 1955-59.....	42,140	605	7,146	13,812	85,308	149,011
1960.....	51,029	508	7,860	11,118	110,337	180,852
1961.....	56,282	660	7,794	12,367	119,050	196,153
1962.....	53,968	483	7,315	11,249	114,173	187,188
1963.....	49,451	610	7,533	11,177	107,112	175,883
1964.....	43,926	381	7,250	11,220	111,354	174,131
1965.....	39,446	540	6,747	10,310	100,479	157,522
1966.....	36,360	732	6,549	11,067	102,650	157,358
1967.....	28,552	721	6,409	9,607	93,406	138,695
1968.....	32,988	705	6,601	9,481	108,136	157,911
1969.....	36,624	618	8,090	11,379	107,528	164,239
1970 2/.....	41,551	753	9,130	12,829	109,559	172,822
Canada:						
Average 1950-54.....	15,322	508	4,224	5,413	3/	25,467
Average 1955-59.....	23,759	549	5,613	5,774	3/	35,695
1960.....	23,133	305	5,704	5,090	3/	34,232
1961.....	25,446	356	5,400	5,398	3/	36,600
1962.....	18,234	203	3,484	4,318	3/	26,239
1963.....	20,820	229	3,767	6,354	3/	31,170
1964.....	24,603	305	5,334	6,710	3/	36,952
1965.....	22,260	376	4,480	5,726	1,003	33,845
1966.....	22,725	495	5,125	5,689	1,186	35,220
1967.....	25,529	526	6,520	5,117	1,219	38,911
1968.....	27,313	408	6,271	4,475	1,448	39,915
1969.....	30,729	353	7,970	5,111	1,524	45,687
1970 2/.....	37,576	498	9,908	5,853	1,500	55,335
Argentina:						
Average 1950-54.....	5,906	813	784	987	890	9,380
Average 1955-59.....	7,838	853	1,206	958	1,016	11,871
1960.....	7,076	965	1,160	1,016	1,397	11,614
1961.....	5,307	560	870	943	635	8,315
1962.....	5,715	533	827	870	1,143	9,088
1963.....	4,900	203	435	508	890	6,936
1964.....	9,335	533	1,197	1,030	890	12,985
1965.....	11,630	655	805	840	950	14,880
1966.....	8,807	256	400	486	1,160	11,109
1967.....	5,960	255	410	515	1,595	8,735
1968.....	7,603	344	592	665	1,549	10,753
1969.....	6,800	340	525	450	1,725	9,840
1970 2/.....	6,500	350	500	340	625	8,315
Australia:						
Average 1950-54.....	5,688	3/	653	668	3/	7,009
Average 1955-59.....	5,900	3/	949	964	3/	7,813
1960.....	6,668	3/	870	1,452	3/	8,990
1961.....	8,573	3/	1,415	1,626	3/	11,614
1962.....	6,940	3/	893	1,350	3/	9,183
1963.....	8,410	3/	1,002	1,524	3/	10,936
1964.....	8,790	3/	1,100	1,600	3/	11,490
1965.....	10,342	3/	1,168	1,850	3/	13,360
1966.....	7,275	3/	925	1,140	3/	9,340
1967.....	12,770	3/	1,474	1,905	3/	16,149
1968.....	9,781	3/	948	1,444	3/	12,173
1969.....	15,856		1,835	2,353		20,044
1970 2/.....	17,446		2,185	2,170		21,801
Total:						
Average 1950-54.....	55,220	1,727	9,928	19,493	66,473	152,841
Average 1955-59.....	79,637	2,007	14,914	21,508	86,324	204,390
1960.....	87,906	1,778	15,594	18,676	111,734	235,688
1961.....	95,608	1,576	15,479	20,334	119,685	252,682
1962.....	84,857	1,219	12,519	17,787	115,316	231,698
1963.....	83,581	1,042	12,737	19,563	108,002	224,925
1964.....	86,654	1,219	14,881	20,560	112,244	235,558
1965.....	83,678	1,571	13,200	18,726	102,432	219,607
1966.....	75,167	1,483	12,999	18,382	104,996	213,027
1967.....	72,811	1,502	14,813	17,144	96,220	202,490
1968.....	77,685	1,457	14,412	16,065	111,133	220,752
1969.....	90,009	1,311	18,420	19,293	110,777	239,810
1970 2/.....	102,773	1,601	21,723	21,192	111,684	258,273

1/ Data for Northern Hemisphere countries represent stocks remaining on January 1; estimates for Southern Hemisphere countries include the recently harvested new crop of small grains as well as stocks of old grain on January 1. 2/ Preliminary. 3/ Production small and stocks of minor importance.

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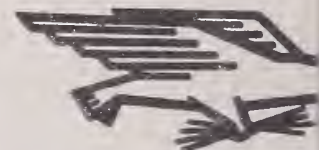
Canadian grain stocks on January 1 totaled a record 55.3 million tons, up 21 percent. Wheat stocks were 37.6 million tons, 22 percent over the 1968 high and 38 percent over holdings of 2 years earlier. Barley supplies were a record 9.9 million tons, up 24 percent, and oats 5.9 million tons, up 15 percent. Rye stocks also gained sharply. Increased production of all the export grains in both 1968 and 1969, from already above-average levels, was principally responsible for the sharp rise in Canadian stocks. The decline in exports, along with the world trend for these years, was also a factor.

Australia's grain stocks are estimated at 21.8 million tons, up 9 percent. Wheat supplies established a new record of 17.4 million tons, 10 percent over the high 1969 level and more than double the 1960-64 average. Barley stocks were up 19 percent to 2.2 million tons, as production reached a record level. Oats, also at 2.2 million tons, were down 8 percent.

Argentine grain supplies on January 1 declined 15 percent to an estimated 8.3 million tons. Wheat stocks were down 4 percent at 6.5 million tons. Heavy exports reduced corn stocks to 625,000 tons, only a third the supply of a year ago. Oat stocks were at a low 340,000 tons.

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## INDIA AND PAKISTAN GRAIN TRADE

CURRENT SERIAL RECORDS

India anticipates importing less wheat, more sorghum and about the same or slightly more rice during FY 1969-70 as compared to a year ago. Pakistan expects to import more wheat -- mainly for shipment to East Pakistan -- and export more Basmati type rice.

### INDIA

Wheat - During the current fiscal year, India anticipates importing from 2.7 to 3.2 million metric tons of wheat vs. almost 3.8 million last year. The decline in import requirement is attributed mostly to increased domestic supplies due mainly to three bumper crops in succession.

Sorghum - The current sorghum import requirement estimate is set at about 300,000 tons vs. the 55,000 tons imported last year. The increased imports are due mostly to greater demand for human consumption.

Rice - Imports will probably be about the same as a year ago -- around 450,000 tons, despite a record crop. Domestic consumption is on the increase (estimated at 41.5 million tons this year vs. 39.2 million last year), as a result of larger supplies, lower prices, increased purchasing power and population growth.



## PAKISTAN

Wheat - Import requirements during fiscal year 1969-70 are estimated at 1.2 million tons vs. 756,000 tons a year ago. The increased import needs were mostly for East Pakistan to compensate for the poor 1969 rice crop.

Rice - Exports (mainly of Basmati type) are forecast at 155,000 tons vs. 140,000 tons a year ago. Shipments through November were around 26,000 tons, about the same level as for the comparable period a year ago.

FEEDGRAINS: India's imports by country of origin

Country of origin	Corn			Sorghum			Total		
	July-June		July-Feb.	July-June		July-Feb.	July-June		July-Feb.
	1967-68	1968-69	1969-70	1967-68	1968-69	1969-70	1967-68	1968-69	1969-70
	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
	m. t.	m. t.	m. t.	m. t.	m. t.	m. t.	m. t.	m. t.	m. t.
United States .....	39.6	--	--	1,272.9	55.3	275.4	1,312.5	55.3	275.4
Total .....	39.6	--	--	1,272.9	55.3	275.4	1,312.5	55.3	275.4

WHEAT AND RICE: India's imports by country of origin

WHEAT				RICE			
Country of origin	July-June		July-Feb.	Country of origin	July-June		July-Feb.
	1967-68	1968-69	1969-70		1967-68	1968-69	1969-70
	1,000	1,000	1,000		1,000	1,000	1,000
	m. t.	m. t.	m. t.		m. t.	m. t.	m. t.
United States .....	5,291.7	2,607.2	1,591.6	Australia .....	--	9.6	--
Canada .....	494.3	994.5	165.9	Burma .....	122.0	125.6	92.6
Australia .....	688.5	75.7	70.0	Thailand .....	85.1	215.4	100.3
Argentina .....	--	118.8	--	United Arab Rep. ...	39.0	--	59.6
Other Countries .....	8.3	--	216.7	Other Countries ...	115.4	107.5	103.5
Total .....	6,482.8	3,796.2	2,044.2	Total .....	361.5	458.1	356.0

Grain and Feed Division, CAB/SSS  
April 1970

Source: Department of Food, Ministry of Food and Agriculture, GOI.

WHEAT: Pakistan's imports by country of origin,  
July-June 1967-68 and July-June 1968-69

Country of origin	July-June 1967-68	July-June 1968-69	July-June 1969-70 est.
	1,000 <u>m. t.</u>	1,000 <u>m. t.</u>	1,000 <u>m. t.</u>
United States .....	2,045	659	950
Canada .....	48	74	50
Australia .....	21	23	200
Mexico .....	41	--	--
Total .....	2,155	756	1,200

Grain and Feed Division, CAB/SSS  
April 1970

Source: Monthly Foreign Trade Statistics and Attache Estimates



RICE: Pakistan's exports by country of destination

Destination	July-June 1967-68	July-June 1968-69	July-Nov. 1969
	Metric tons	Metric tons	Metric tons
Western Europe:			
Denmark .....	--	--	1,016
Switzerland .....	--	39	6
United Kingdom .....	3,654	6,341	487
Other Western Europe .....	--	--	4
Total .....	3,654	6,380	1,513
Eastern Europe:			
U.S.S.R. ....	29,829	25,400	--
Yugoslavia .....	--	10,069	--
Total .....	29,829	35,469	--
Total Europe .....	33,483	41,849	1,513
Africa:			
Ethiopia .....	94	100	--
Kenya .....	3,048	1,792	2,172
Lesotho .....	--	122	18
Madagascar .....	--	7,298	--
Mauritius .....	137	295	55
Seychelles .....	--	19	30
Somali .....	100	202	43
Other Africa .....	351	359	324
Total .....	3,730	10,187	2,642
Asia:			
Arabia .....	2,584	863	1,697
Bahrein .....	10,493	5,181	3,045
Ceylon .....	149	15,573	1
Hong Kong .....	39	20	14
Jordan .....	102	52	--
Kuwait .....	19,700	34,386	5,125
Middle East .....	4,775	--	--
Muscat and Oman .....	--	3,637	298
Qatar .....	8,934	--	2,903
Saudi Arabia .....	18,241	12,747	1,938
Singapore .....	695	1,005	471
Southern Yemen .....	1,854	3,190	2,404
Trucial States .....	16,403	11,194	3,924
Other Asia .....	372	148	188
Total .....	84,341	87,996	22,008
Australia .....	--	33	23
Other Countries .....	187	26	3
World total .....	121,741	140,091	26,189

Grain and Feed Division, CAB/SSS  
April 1970

Source: Monthly Foreign Trade Statistics

U.S. DEPARTMENT OF AGRICULTURE  
WASHINGTON, D. C. 20250

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CURRENT SERIAL RECORDS

## U.S. GRAIN EXPORTS GAIN

DURING JULY-DECEMBER 1969

Exports of U.S. wheat, rye, feedgrains and rice in the final half of 1969 totaled 18.3 million metric tons, for a 1 percent gain over the aggregate of a year earlier. Changes in the individual grains are summarized below.

GRAINS: U.S. exports, July-December 1968 and 1969

Grain	July-Dec. 1968	July-Dec. 1969	Change + or -
	1,000	1,000	1,000
	<u>m. t.</u>	<u>m. t.</u>	<u>m. t.</u>
Wheat and flour:			
Wheat .....	7,348	6,634	- 714
Flour (grain equivalent) .....	877	858	- 19
Total .....	8,225	7,492	- 733
Rye .....	32	11	- 21
Feedgrains:			
Corn .....	7,810	8,917	+ 1,107
Oats .....	52	12	- 40
Barley .....	134	26	- 108
Sorghum .....	1,797	1,808	+ 11
Total .....	9,793	10,763	+ 970
Rice .....	8	8	--
Total grains .....	18,058	18,274	+ 216



U.S. EXPORTS OF WHEAT AND FLOUR  
IN JULY-DECEMBER 1969 SHOW DECLINE

U.S. exports of wheat and flour during July-December 1969 totaled 7.5 million metric tons, 9 percent lower than during the same period a year earlier.

Japan was the largest market at 1.2 million tons, up 196,000. India received 793,000 tons, down 238,000; South Korea 546,000 tons, down 203,000 and Pakistan 185,000, down 305,000.

Shipments to Brazil gained 115,000 tons to 674,000 and those to Venezuela were about the same at 362,000 tons. Exports to the EC totaled 878,000 tons, down 407,000. The Netherlands took 371,000 tons, down 85,000, while West German takings were off 152,000 tons at 72,000.

Exports to Africa totaled 499,000 tons, most of which went to North African destinations.

U.S. exports of rye in the first half of the 1969-70 marketing year at 10.8 thousand tons were only a third those of a year earlier. A drop of 18.7 thousand tons in shipments to the Netherlands was the principal change.

RYE: U.S. exports by country of destination,  
July-December 1968 and July-December 1969

Destination	July-Dec. 1968	July-Dec. 1969	Change + or -
	Metric tons	Metric tons	Metric tons
Canada .....	3,042	8,249	+ 5,207
Mexico .....	31	--	- 31
Panama .....	46	--	- 46
Netherlands .....	21,228	2,566	- 18,666
Denmark .....	2,032	--	- 2,032
Norway .....	4,872	--	- 4,872
Israel .....	408	--	- 408
World total .....	31,659	10,815	- 20,844

Grain and Feed Division, CAB/SSS  
April 1970

Source: Compiled from reports of the U.S. Department of Commerce

## WHEAT AND FLOUR 1/ U.S. exports by country of destination, July-December 1968 and July-December 1969

Country of destination	July-December 1968				July-December 1969				+ or -	
	Wheat	Flour 2/	Total		Wheat	Flour 2/	Total			
	1,000 Bushels	1,000 Bushels	1,000 Bushels	1,000 Metric Tons	1,000 Bushels	1,000 Bushels	1,000 Bushels	1,000 Metric Tons		
Western Hemisphere:										
Canada .....	3/	18	18	4/	3/	16	16	4/	--	
Mexico .....	60	5	65	2	63	4	67	2	--	
Costa Rica .....	1,547	19	1,566	43	897	33	930	25	18	
Guatemala .....	1,248	89	1,337	36	1,141	68	1,209	33	3	
Other Central America .....	3,247	297	3,544	96	3,018	166	3,184	87	9	
Dominican Republic .....	2,043	86	2,129	58	1,748	103	1,851	50	8	
Jamaica .....	232	316	548	15	482	385	867	24	9	
Trinidad and Tobago .....	1,401	2	1,403	38	1,148	4	1,152	31	7	
	--	1,089	1,089	30	--	362	362	10	20	
					1,228	--	4,798	131	131	
					8	2,823	3,091	84	20	
					24	436	24,760	674	115	
						108	108	3	99	
					07	431	3,638	99	31	
					44	58	1,172	32	31	
					13	39	1,682	46	34	
					57	118	175	5	3	
						12	12	--	101	
					93	7	13,300	362	11	
					09	32	1,741	47	3	
					10	5,205	64,115	1,745	41	
					55	3	5,258	143	4	
					26	5/	3,226	88	70	
					52	1	2,663	72	152	
					91	9	7,500	204	96	
					52	278	13,630	371	85	
					86	291	32,277	878	407	
					35	--	535	15	3	
					85	87	1,072	29	13	
					77	--	1,477	40	40	
					23	10	1,733	47	49	
					87	211	1,598	43	19	
					07	308	6,415	174	60	
						203	203	6	3	
						1	1	4/	--	
						204	204	6	3	
					93	803	38,896	1,058	464	
					532	--	1,532	42	42	
						3,537	3,537	96	110	
					125	19	29,144	793	238	
					362	6,190	6,552	178	30	
						1,720	10,071	274	17	
						1	44,397	1,208	196	
						2,278	20,045	546	203	
						12	961	26	8	
						2	6,804	185	305	
						114	8,174	223	46	
						4	2,096	57	6	
						6,632	6,632	181	12	
						485	4,280	4,765	130	46
						7,528	1,664	9,192	250	146
						146,093	23,948	170,041	4,628	131,993
						21,913	153,906	4,189	439	
Africa:										
Algeria .....	2,625	--	2,625	71	4,283	194	4,477	122	51	
Congo (Kinshasa) .....	--	548	548	15	--	384	384	10	5	
Morocco .....	16	797	813	22	1,132	1,395	2,527	69	47	
Nigeria .....	2,711	23	2,734	75	3,979	22	4,001	109	34	
Tunisia .....	2,853	200	3,053	83	3,720	648	4,368	119	36	
Others .....	618	178	796	22	1,661	917	2,578	70	48	
Total .....	8,823	1,746	10,569	288	14,775	3,560	18,335	499	211	
Oceania .....	--	53	53	1	--	50	50	1	--	
World total .....	269,961	32,224	302,185	8,225	243,771	31,531	275,302	7,492	733	

1/ Data includes shipments for relief. 2/ Grain equivalent. 3/ Transshipments through Canada have been included in data for countries of ultimate destination.  
 4/ Less than 500 metric tons. 5/ Less than 500 bushels.

Foreign Agricultural Service  
 Grain and Feed Division, CAB/SSS  
 February 1970

Source: Compiled from reports of the U.S. Department of Commerce.

U.S. FEEDGRAIN EXPORTS GAIN  
10 PERCENT IN JULY-DECEMBER 1969

U.S. exports of feedgrains during July-December 1969 amounted to 10.8 million metric tons, 10 percent above those in the final 6 months of 1969.

Corn exports at 8.9 million tons were up 14 percent while sorghum sales at 1.8 million tons were just over those of a year earlier. Barley and oats shipments both dropped sharply.

Japan was the largest feedgrain buyer -- taking 3.5 million tons, a million tons more than a year earlier. Most of the gain was in corn.

Receipts by the EC countries were off a million tons at 3.1 million tons. The Netherlands as a buyer, at 1.3 million tons, was down 573,000. Italy was down about 300,000 tons and West Germany 227,000, but Belgium-Luxembourg were up 170,000. Exports to the United Kingdom at 1.2 million tons, all corn, were over those of a year earlier. Spain took 0.6 million more.

In Eastern Europe, shipments were less to all destinations except East Germany. The total decline was 170,000 tons, the same as to Poland alone. Israel took 348,000 tons, up moderately. Canadian purchases at 337,000 tons were 221,000 below a year ago.



FEEDGRAINS: U.S. exports to principal countries, July-December 1968 and July-December 1969

Destination	July-December 1968					July-December 1969				
	Corn 1/	Oats	Barley	Sorghum	Total	Corn 1/	Oats	Barley	Sorghum	Total
	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons
Western Hemisphere:										
Canada 2/	543,223	--	--	14,584	557,807	316,193	1,492	--	19,058	336,743
Mexico	5,380	2,275	2,507	7,739	17,901	35,506	2,719	2,783	2,479	43,487
Costa Rica	1,204	--	--	97	1,301	35	29	--	--	64
Guatemala	218	--	--	36	254	209	--	--	116	325
Panama	--	--	--	--	--	568	166	--	10	744
Other Central America	444	41	--	365	850	867	4	--	87	958
Bahamas	2,825	117	--	--	2,942	1,261	11	--	--	1,272
Jamaica	24,108	90	--	1,846	26,044	29,748	89	205	5,571	35,613
Trinidad and Tobago	25,807	--	--	63	25,870	26,340	--	--	--	26,340
Other Bermuda and Caribbean	1,872	126	--	127	2,125	1,074	124	65	120	1,383
Argentina	499	--	--	5,028	5,527	353	--	--	816	1,169
Brazil	1,236	33	--	831	2,100	2,171	--	--	838	3,009
Chile	68,657	--	--	288	68,945	145,343	--	--	75	145,418
Colombia	12,093	--	30,270	--	42,363	1,072	77	14,304	330	15,783
Ecuador	19	2,000	--	200	2,219	14	3,800	--	413	4,227
Peru	4,893	--	--	94	4,987	830	--	--	16	846
Surinam	2,858	--	--	--	2,858	3,274	--	--	60	3,334
Uruguay	18,538	--	--	356	18,894	--	--	--	43	43
Venezuela	211	48	--	104	363	741	477	--	223	1,441
Other South America	54	9	--	--	63	751	--	--	--	751
Total	714,139	4,739	32,777	31,758	783,413	566,350	8,988	17,357	30,255	622,950
Western Europe:										
EC:										
Belgium and Luxembourg	287,184	6,014	1,016	67,746	361,960	446,862	965	--	84,443	532,270
France	107,075	--	--	413	107,488	38,828	--	--	--	38,828
Germany, West	806,864	--	24,405	17,451	848,720	621,149	--	--	271	621,420
Italy	843,802	--	54,688	1,321	899,810	601,251	--	--	20	601,271
Netherlands	1,738,145	33,864	--	115,262	1,887,271	1,287,789	--	261	26,196	1,314,246
Total	3,783,070	39,878	80,109	202,193	4,105,250	2,995,879	965	261	110,930	3,108,035
Other Western Europe:										
Cyprus	9,685	--	14,695	--	24,380	6,025	--	--	--	6,025
Denmark	804	--	--	--	804	465	--	--	--	465
Finland	4,082	--	--	--	4,082	103	--	--	--	103
Greece	162,938	--	--	--	162,938	220,485	--	--	--	220,485
Ireland	14,008	--	--	--	14,008	21,053	--	--	5,131	26,184
Malta	--	--	--	507	507	897	--	--	2,300	3,197
Norway	5,019	--	--	15,050	20,069	21,228	--	--	--	21,228
Portugal	33,288	--	--	268	33,556	60,007	--	--	10	60,017
Spain	66,779	--	--	268	67,047	676,089	--	--	--	676,089
Switzerland	6,391	7,385	--	2,514	16,290	53,843	1,219	--	--	55,062
United Kingdom	1,023,416	--	--	--	1,023,416	1,184,002	--	--	--	1,184,002
Others	6,812	--	30	--	6,842	9,277	--	--	--	9,277
Total	1,333,222	7,385	14,725	18,607	1,373,939	2,253,474	1,219	--	7,441	2,262,134
Eastern Europe:										
Czechoslovakia	48	--	--	--	48	--	--	--	--	--
Germany, East	163,271	--	--	59,756	223,027	318,399	--	--	--	318,399
Hungary	41,998	--	--	50,929	92,927	--	--	--	--	--
Poland	227,977	--	--	32,004	259,981	88,065	--	--	--	88,065
Total	433,294	--	--	112,689	575,983	406,464	--	--	--	406,464
Total Europe	5,549,586	47,263	94,834	363,489	6,055,172	5,655,817	2,184	261	118,371	5,776,633
Asia:										
India	1	--	--	--	1	31,254	--	--	168,657	199,911
Israel	34,700	--	--	288,032	322,732	58,306	--	--	289,664	347,970
Japan	1,373,752	--	6,782	1,110,502	2,491,036	2,299,179	791	6,047	1,171,596	3,477,613
Korea, Republic of	70,068	--	--	--	70,068	95,977	--	1,575	--	97,552
Lebanon	19,987	--	--	--	19,987	12,245	--	--	--	12,245
Republic of China (Taiwan)	2,891	--	--	--	2,891	348	--	--	--	348
Vietnam, South	8,835	--	--	--	8,835	42,656	--	--	--	42,656
Others	2,991	--	--	499	3,490	8,997	--	508	1,027	10,532
Total	1,513,225	--	6,782	1,399,033	2,919,040	2,548,962	791	8,130	1,630,944	4,188,827
Africa:										
Canary Islands	29,144	--	--	--	29,144	57,664	--	--	--	57,664
Gambia	--	--	--	--	--	--	--	--	3,240	3,240
Ghana	153	--	--	--	153	2,646	--	--	--	2,646
Morocco	--	--	--	58	58	1,531	--	--	86	1,617
Nigeria	1,169	--	--	--	1,169	1,196	--	--	--	1,196
Senegal	--	--	--	829	829	35	--	--	20,910	20,945
Tunisia	--	--	--	--	--	11,267	--	--	--	11,267
United Arab Republic	--	--	--	--	--	52,345	--	--	--	52,345
Western Africa, n.e.c.	174	--	--	859	1,033	15,969	--	--	2,340	18,309
Others	2,346	--	--	708	3,054	3,806	--	--	1,652	5,458
Total	32,986	--	--	2,454	35,440	146,459	--	--	28,228	174,687
Oceania	38	--	--	--	38	56	--	--	--	56
World total	7,809,974	52,002	134,393	1,796,734	9,793,103	8,917,644	11,963	25,748	1,807,798	10,763,153

1/ Includes seed corn except sweet and exports for relief. 2/ Transshipments through Canada have been included in data for countries of ultimate destination.

Foreign Agricultural Service  
Grain and Feed Division, CAB/SSS  
February 1970

Source: Compiled from reports of U.S. Department of Commerce.

U.S. RICE EXPORTS INCREASE SHARPLY  
IN FIRST HALF OF 1969-70

The United States exported 900 thousand tons of rice (milled equivalent) during July-December 1969, 23 percent more than in the same period a year earlier.

Two thirds of the total was shipped to Asian destinations. The largest recipient was South Vietnam, at 247,000 tons, up from 132,000. Indonesia took 207,000 tons and India 51,000 for substantial gains. Shipments to the Republic of Korea dropped sharply to only 10,000 tons. These increases were mainly attributed to PL 480 programming.

Rice exports to Africa at 106,000 tons were up 19 percent. The Republic of South Africa was the principal market there. Shipments to the EC gained slightly to 95,000 tons with West Germany the biggest taker. The latter increases were primarily to commercial markets.



## RICE, MILLED 1/: U.S. exports by country of destination, July-December 1968 and July-December 1969

Destination	July-Dec. 1968	July-Dec. 1969	+ or -	Destination	July-Dec. 1968	July-Dec. 1969	+ or -
Metric tons	Metric tons	Metric tons		Metric tons	Metric tons	Metric tons	
Western Hemisphere:				Asia (Continued):			
Canada .....	25,184	25,271	+	Indonesia .....	178,960	207,208	+
Mexico .....	240	83	-	Iran .....	15	27	+
British Honduras .....	461	228	-	Israel .....	6,955	8,339	+
Costa Rica .....	98	65	-	Japan .....	1,048	1,297	+
El Salvador .....	20	8	-	Jordan .....	363	337	-
Guatemala .....	54	9	-	Korea, Republic of .....	50,081	10,023	-
Honduras .....	8	9	+	Kuwait .....	7,224	1,330	-
Nicaragua .....	28	11	-	Lebanon .....	295	203	-
Panama .....	59	30	-	Malaysia .....	84	1,122	+
Bahamas .....	2,396	2,420	+	Nansei and Nanpo Islands, n.e.c. ....	28,985	16,179	-
Barbados .....	--	711	+	Pakistan .....	--	3	+
Bermuda .....	109	103	-	Philippines .....	6	7	+
Dominican Republic .....	5,996	--	-	Saudi Arabia .....	31,756	39,862	+
French West Indies .....	2,037	691	-	Singapore .....	4	11	+
Haiti .....	10	23	+	Southern Yemen .....	6,742	5,805	-
Jamaica .....	7,432	9,778	+	Vietnam, South .....	131,582	247,250	+
Leeward and Windward Islands .....	109	108	-	Total .....	448,675	603,565	+
Netherlands Antilles .....	1,962	1,720	-	Africa:			
Trinidad and Tobago .....	--	2,069	+	Afars and Issas .....	1,259	701	-
Argentina .....	--	5	+	Angola .....	217	2,591	+
Bolivia .....	--	131	+	Burundi and Rwanda .....	2	4	+
Brazil .....	--	2	+	Cameroon .....	270	24	-
Chile .....	4,497	3,845	-	Central African Republic .....	3	32	+
British Guiana .....	3	--	-	Congo (Kinshasa) .....	1,057	2,265	+
French Guiana .....	9	4	-	Ethiopia .....	84	457	+
Paraguay .....	44	--	-	Gabon .....	289	237	-
Peru .....	57	29	-	Gambia .....	8	2	-
Uruguay .....	--	63	+	Ghana .....	22,898	10,934	-
Venezuela .....	1,373	870	-	Guinea .....	--	5,199	+
Total .....	52,186	48,286	-	Ivory Coast .....	391	240	-
Western Europe:				Kenya .....	59	137	+
EC:				Liberia .....	21,439	23,697	+
Belgium and Luxembourg .....	10,389	11,242	+	Libya .....	273	583	+
France .....	12,534	13,855	+	Madeira Islands .....	32	--	-
Germany, West .....	35,139	41,539	+	Malagasy Republic .....	300	484	+
Italy .....	16	25	+	Malawi .....	102	--	-
Netherlands .....	33,618	28,448	-	Mauritius .....	--	106	+
Total .....	91,696	95,109	+	Morocco .....	--	2	+
Other Western Europe:				Mozambique .....	454	463	+
Austria .....	618	127	-	Nigeria .....	22	51	+
Cyprus .....	75	67	-	Senegal .....	--	4,617	+
Denmark .....	817	808	-	Sierra Leone .....	261	232	-
Finland .....	232	430	+	Somalia Republic .....	1,382	4,878	+
Greece .....	3,533	1,899	-	South Africa, Republic of .....	35,635	43,498	+
Iceland .....	250	297	+	Southern Africa, n.e.c. ....	2	--	-
Ireland .....	332	289	-	Sudan .....	61	--	-
Malta .....	46	88	+	Tanzania .....	21	58	+
Norway .....	101	45	-	Togo .....	31	56	+
Portugal .....	28	237	+	Uganda .....	205	210	+
Spain .....	--	14	+	Western Africa, n.e.c. ....	372	2,756	+
Sweden .....	2,376	1,897	-	Western Portuguese Africa, n.e.c. ....	745	437	-
Switzerland .....	4,436	4,109	-	Zambia .....	888	866	-
United Kingdom .....	31,656	29,262	-	Total .....	88,762	105,817	+
Total .....	44,500	39,569	-	Oceania:			
Eastern Europe:				Australia .....	666	794	+
Yugoslavia .....	127	--	-	British West Pacific Islands .....	3,627	2,893	-
Total .....	127	--	-	French Pacific Islands .....	1,276	1,155	-
Total Europe .....	136,323	134,678	-	New Guinea .....	--	14	+
Asia:				New Zealand .....	356	849	+
Arabia .....	2,086	420	-	Trust Territory of Pac. Islands .....	1,709	2,286	+
Bahrein .....	2,096	111	-	Total .....	7,634	7,991	+
Hong Kong .....	389	13,494	+	World total .....			
India .....	4	50,537	+		733,580	900,337	+

1/ Includes small quantity of rough rice milled equivalent.

Foreign Agricultural Service  
Grain and Feed Division, CAB/SSS  
February 1970

Source: Compiled from reports of the U.S. Department of Commerce.



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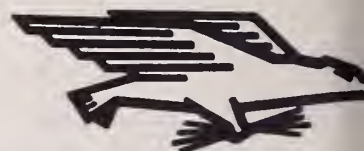
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## GRAIN TRENDS OF FOUR EC APPLICANTS

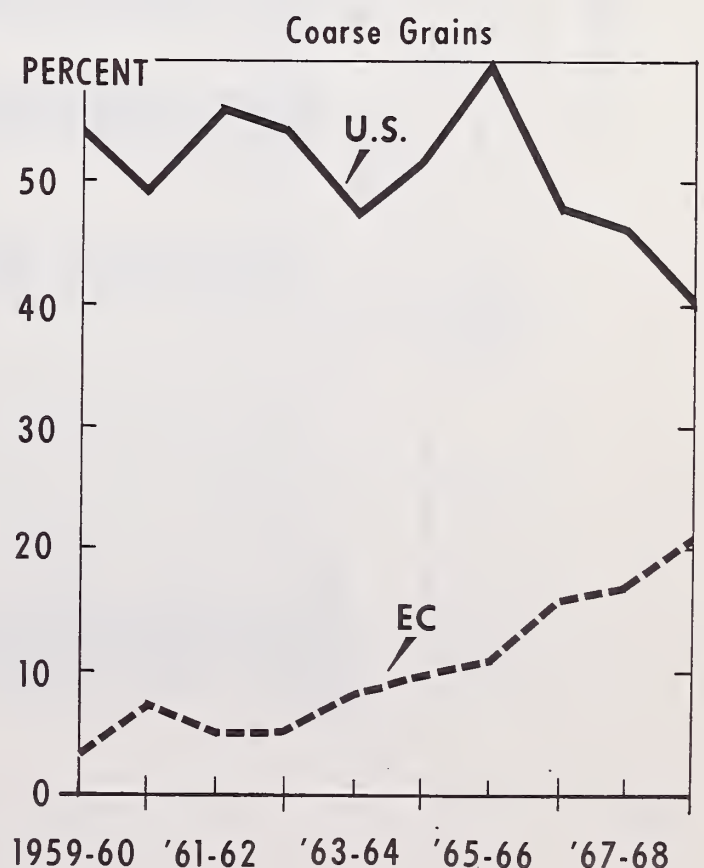
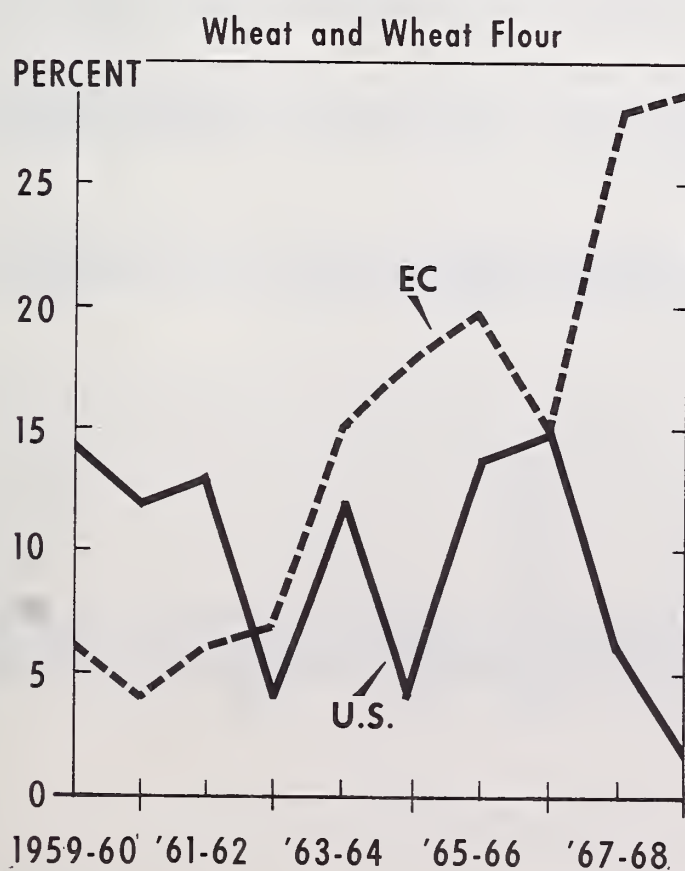
### DURING THE DECADE OF THE SIXTIES

Four European countries (United Kingdom, Ireland, Norway and Denmark) are actively being considered for membership in the EC.

This circular presents combined statistical grain data that market analysts may use in assessing and projecting the consequences of entry by these countries.

As shown in the chart below, the U.S. share of imports by these countries has declined, especially since FY 1965-66. The EC share has increased almost without interruption over the past ten years.

## U.S. AND EC SHARE OF GRAIN IMPORTS BY FOUR EC APPLICANTS





U.K., IRELAND, DENMARK AND NORWAY Grain Production and Supply-Distribution 1/

Commodity and year	Year Beginning Stocks July 1	Acreage	Yield	Production	Imports		Exports		Net Imports		Domestic Consumption	
					From U.S.	From EC	To EC	Total	EC	Total	For Feed 2/	Total 3/
					1,000 m. t.	1,000 m. t.	1,000 m. t.	1,000 m. t.	1,000 m. t.	1,000 m. t.	1,000 m. t.	1,000 m. t.
Total Grains:												
1959-60	2,808	5,024	30.3	15,247	4,205	538	78	11,787	460	11,298	16,200	26,413
1960-61	2,940	5,226	31.6	16,520	3,411	616	42	10,995	574	10,752	16,743	27,148
1961-62	3,064	5,257	32.0	16,817	4,051	608	479	11,340	129	10,718	17,342	27,653
1962-63	2,946	5,404	35.9	19,408	3,435	614	225	10,839	389	10,237	18,853	29,245
1963-64	3,346	5,463	34.1	18,633	3,090	1,211	181	10,332	1,030	10,050	18,551	28,967
1964-65	3,062	5,622	36.8	20,694	2,882	1,354	299	9,863	1,055	9,405	19,595	30,095
1965-66	3,066	5,870	36.9	21,632	4,151	1,667	527	10,988	1,023	9,965	20,298	31,056
1966-67	3,607	5,964	35.1	20,960	3,360	1,562	621	10,253	941	8,854	19,701	30,284
1967-68	3,137	6,043	37.4	22,577	2,711	2,201	693	9,927	1,508	8,912	20,961	31,212
1968-69 (P)	3,414	6,088	36.2	22,063	2,046	2,495	192	9,933	2,303	9,501	21,177	31,946
Wheat and Flour:												
1959-60	1,406	991	35.8	3,550	738	347	--	5,364	347	5,357	1,942	8,848
1960-61	1,465	1,090	34.9	3,806	637	222	17	5,348	205	5,313	2,088	9,009
1961-62	1,575	994	35.2	3,498	662	330	12	5,279	318	5,233	1,819	8,809
1962-63	1,497	1,204	41.8	5,033	208	320	22	4,861	298	4,670	2,835	9,609
1963-64	1,591	1,016	37.7	3,829	595	765	36	5,050	729	4,989	2,049	8,808
1964-65	1,601	1,114	41.3	4,598	179	828	17	4,697	811	4,600	2,654	9,324
1965-66	1,475	1,230	40.3	4,956	763	1,058	2	5,359	1,056	5,313	3,326	10,025
1966-67	1,719	1,055	38.4	4,047	745	704	24	4,842	680	4,789	2,519	9,027
1967-68	1,528	1,102	41.6	4,589	300	1,299	2	4,671	1,297	4,656	2,828	9,152
1968-69 (P)	1,621	1,169	36.9	4,317	127	1,506	44	5,125	1,506	5,085	3,016	9,510
Total Coarse Grains:												
1959-60	1,402	4,033	29.0	11,697	3,467	191	78	6,423	113	5,941	14,258	17,565
1960-61	1,475	4,136	30.7	12,714	2,774	394	25	5,647	369	5,439	14,655	18,139
1961-62	1,489	4,263	31.2	13,319	3,389	278	467	6,061	189	5,485	15,523	18,844
1962-63	1,449	4,200	34.2	14,375	3,227	294	203	5,978	91	5,567	16,018	19,636
1963-64	1,755	4,447	33.3	14,804	2,495	446	145	5,282	301	5,061	16,502	20,159
1964-65	1,461	4,508	35.7	16,096	2,703	526	282	5,166	244	4,805	16,941	20,771
1965-66	1,591	4,640	35.9	16,676	3,388	609	525	5,629	84	4,652	16,972	21,031
1966-67	1,888	4,909	34.5	16,913	2,615	858	597	5,411	261	4,065	17,182	21,257
1967-68	1,609	4,941	36.4	17,988	2,411	902	691	5,256	211	4,256	18,133	22,060
1968-69 (P)	1,793	4,919	36.1	17,746	1,919	989	192	4,808	797	4,416	18,161	22,436
Barley:												
1959-60	660	2,266	31.5	7,149	566	64	74	1,544	10	1,085	6,447	8,221
1960-61	673	2,399	33.0	7,921	187	204	23	1,365	181	1,177	7,156	9,057
1961-62	714	2,648	33.1	8,770	60	124	374	892	250	432	7,327	9,178
1962-63	738	2,772	36.4	10,088	144	40	147	710	107	379	8,163	10,263
1963-64	942	3,198	34.8	11,115	144	197	119	860	78	683	9,900	11,958
1964-65	782	3,352	37.0	12,415	159	172	281	737	109	403	10,376	12,670
1965-66	930	3,601	37.1	13,374	169	42	522	632	480	326	10,496	12,797
1966-67	1,181	3,968	35.0	13,902	122	43	596	597	553	736	11,035	13,451
1967-68	896	3,971	37.0	14,710	81	82	691	526	609	449	11,853	14,109
1968-69 (P)	1,048	4,015	36.4	14,628	44	125	191	568	66	181	12,460	14,938
Corn: 5/												
1959-60	359	--	--	--	2,344	110	--	3,515	110	3,515	2,814	3,534
1960-61	340	--	--	--	2,315	183	--	3,395	183	3,395	2,659	3,474
1961-62	261	--	--	--	3,116	152	--	4,439	152	4,439	3,533	4,337
1962-63	363	--	--	--	2,757	254	--	4,276	254	4,276	3,502	4,365
1963-64	274	--	--	--	2,222	240	--	3,810	240	3,810	2,745	3,757



## U.K., IRELAND, DENMARK AND NORWAY Grain Production and Supply-Distribution 1/

Commodity and year	Year	Acreage	Yield	Production	Imports			Exports		Net Imports		Domestic Consumption		
	Beginning				From	From	Total	To EC	Total	EC	Total	For Feed 2/	Total 3/	
	Stocks July 1													U.S.
	1,000 m. t.	1,000 hectares	Q/HA	1,000 m. t.	1,000 m. t.	1,000 m. t.	1,000 m. t.	1,000 m. t.	1,000 m. t.	1,000 m. t.	1,000 m. t.	1,000 m. t.	1,000 m. t.	
Total Grains:														
1959-60	2,808	5,024	30.3	15,247	4,205	538	11,787	78	489	460	11,298	16,200	26,413	
1960-61	2,940	5,226	31.6	16,520	3,411	616	10,995	42	243	574	10,752	16,743	27,148	
1961-62	3,064	5,257	32.0	16,817	4,051	608	11,340	479	622	129	10,718	17,342	27,653	
1962-63	2,946	5,404	35.9	19,408	3,435	614	10,839	225	602	389	10,237	18,853	29,245	
1963-64	3,346	5,463	34.1	18,633	3,090	1,211	10,332	181	282	1,030	10,050	18,551	28,967	
1964-65	3,062	5,622	36.8	20,694	2,882	1,354	9,863	299	458	1,055	9,405	19,595	30,095	
1965-66	3,066	5,870	36.9	21,632	4,151	1,667	10,988	527	1,023	1,140	9,965	20,298	31,056	
1966-67	3,607	5,964	35.1	20,960	3,360	1,562	10,253	621	1,399	941	8,854	19,701	30,284	
1967-68	3,137	6,043	37.4	22,577	2,711	2,201	9,927	693	1,015	1,508	8,912	20,961	31,212	
1968-69 (P)	3,414	6,088	36.2	22,063	2,046	2,495	9,933	192	432	2,303	9,501	21,177	31,946	
Wheat and Flour:														
1959-60	1,406	991	35.8	3,550	738	347	5,364	--	7	347	5,357	1,942	8,848	
1960-61	1,465	1,090	34.9	3,806	637	222	5,348	17	35	205	5,313	2,088	9,009	
1961-62	1,575	994	35.2	3,498	662	330	5,279	12	46	318	5,233	1,819	8,809	
1962-63	1,497	1,204	41.8	5,033	208	320	4,861	22	191	298	4,670	2,835	9,609	
1963-64	1,591	1,016	37.7	3,829	595	765	5,050	36	61	729	4,989	2,049	8,808	
1964-65	1,601	1,114	41.3	4,598	179	828	4,697	17	97	811	4,600	2,654	9,324	
1965-66	1,475	1,230	40.3	4,956	763	1,058	5,359	2	46	1,056	5,313	3,326	10,025	
1966-67	1,719	1,055	38.4	4,047	745	704	4,842	24	53	680	4,789	2,519	9,027	
1967-68	1,528	1,102	41.6	4,589	300	1,299	4,671	2	15	1,297	4,656	2,828	9,152	
1968-69 (P)	1,621	1,169	36.9	4,317	127	1,506	5,125	4/	40	1,506	5,085	3,016	9,510	
Total Coarse Grains:														
1959-60	1,402	4,033	29.0	11,697	3,467	191	6,423	78	482	113	5,941	14,258	17,565	
1960-61	1,475	4,136	30.7	12,714	2,774	394	5,647	25	208	369	5,439	14,655	18,139	
1961-62	1,489	4,263	31.2	13,319	3,389	278	6,061	467	576	189	5,485	15,523	18,844	
1962-63	1,449	4,200	34.2	14,375	3,227	294	5,978	203	411	91	5,567	16,018	19,636	
1963-64	1,755	4,447	33.3	14,804	2,495	446	5,282	145	221	301	5,061	16,502	20,159	
1964-65	1,461	4,508	35.7	16,096	2,703	526	5,166	282	361	244	4,805	16,941	20,771	
1965-66	1,591	4,640	35.9	16,676	3,388	609	5,629	525	977	84	4,652	16,972	21,031	
1966-67	1,888	4,909	34.5	16,913	2,615	858	5,411	597	1,346	261	4,065	17,182	21,257	
1967-68	1,609	4,941	36.4	17,988	2,411	902	5,256	691	1,000	211	4,256	18,133	22,060	
1968-69 (P)	1,793	4,919	36.1	17,746	1,919	989	4,808	192	392	797	4,416	18,161	22,436	
Barley:														
1959-60	660	2,266	31.5	7,149	566	64	1,544	74	459	10	1,085	6,447	8,221	
1960-61	673	2,399	33.0	7,921	187	204	1,365	23	188	181	1,177	7,156	9,057	
1961-62	714	2,648	33.1	8,770	60	124	892	374	460	250	432	7,327	9,178	
1962-63	738	2,772	36.4	10,088	141	40	710	147	331	107	379	8,163	10,263	
1963-64	942	3,198	34.8	11,115	144	197	860	119	177	78	683	9,900	11,958	
1964-65	782	3,352	37.0	12,415	159	172	737	281	334	109	403	10,376	12,670	
1965-66	930	3,601	37.1	13,374	169	42	632	522	958	480	326	10,496	12,797	
1966-67	1,181	3,968	35.0	13,902	122	43	597	596	1,333	553	736	11,035	13,451	
1967-68	896	3,971	37.0	14,710	81	82	526	691	975	609	449	11,853	14,109	
1968-69 (P)	1,048	4,015	36.4	14,628	4/	125	568	191	387	66	181	12,460	14,938	
Corn: 5/														
1959-60	359	--	--	--	2,344	110	3,515	--	--	110	3,515	2,814	3,534	
1960-61	340	--	--	--	2,315	183	3,395	--	--	183	3,395	2,659	3,474	
1961-62	261	--	--	--	3,116	152	4,439	--	--	152	4,439	3,533	4,337	
1962-63	363	--	--	--	2,757	254	4,276	--	--	254	4,276	3,502	4,365	
1963-64	274	--	--	--	2,222	240	3,810	--	--	240	3,810	2,745	3,757	
1964-65	327	--	--	--	2,228	353	3,550	--	--	353	3,550	2,693	3,907	
1965-66	197	--	--	--	2,730	556	3,955	--	--	556	3,955	2,675	3,813	
1966-67	255	--	--	--	2,457	607	3,849	--	--	607	3,849	2,728	3,890	
1967-68	270	--	--	--	2,134	800	4,223	--	--	800	4,223	3,116	4,221	
1968-69 (P)	272	--	--	--	1,861	849	3,849	--	--	849	3,849	2,728	3,890	
Oats:														
1959-60	162	1,278	26.4	3,376	29	6	125	4	23	2	102	2,896	3,473	
1960-61	167	1,234	27.2	3,359	4	4/	135	2	19	2	116	2,951	3,461	
1961-62	181	1,107	27.8	3,076	--	4/	136	16	33	16	103	2,727	3,184	
1962-63	176	972	29.6	2,876	20	4/	171	3	24	3	147	2,554	2,994	
1963-64	205	888	29.3	2,603	5	9	117	4/	17	9	100	2,398	2,771	
1964-65	137	835	31.1	2,597	1	4/	130	1	27	1	103	2,300	2,647	
1965-66	190	774	31.5	2,441	6	11	131	3	18	8	113	2,207	2,556	
1966-67	188	740	32.0	2,366	1	7	86	1	12	6	74	2,101	2,452	
1967-68	176	794	34.0	2,698	--	7	41	4/	25	7	16	2,294	2,676	
1968-69 (P)	214	738	34.4	2,537	--	5	36	1	5	4	31	2,246	2,609	
Rye:														
1959-60	36	128	23.8	304	17	8	102	NA	4/	8	102	156	392	
1960-61	50	166	28.7	476	50	6	80	NA	1	6	79	268	526	
1961-62	79	192	27.9	535	13	1	45	77	83	76	38	317	526	
1962-63	50	183	29.2	534	30	--	53	53	56	53	3	266	481	
1963-64	100	125	27.5	344	22	4/	62	26	27	26	35	209	423	
1964-65	56	102	31.3	319	4/	4/	58	4/	4/	4/	58	157	352	
1965-66	81	96	30.0	288	9	4/	71	4/	4/	4/	71	191	380	
1966-67	60	51	29.0	148	43	4/	78	4/	4/	4/	78	79	244	
1967-68	42	42	31.2	131	30	3	83	NA	NA	3	83	44	221	
1968-69 (P)	35	42	34.8	146	15	1	73	NA	NA	1	73	36	208	
Sorghum: 5/														
1959-60	185	--	--	--	511	3	1,137	--	--	3	1,137	1,077	1,077	
1960-61	245	--	--	--	218	1	672	--	--	1	672	663	663	
1961-62	254	--	--	--										

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## U.S. EXPORTS OF COARSE GRAIN AND

### PRODUCTS DECREASE 18 PERCENT

Exports of U.S. coarse grains and products totaled 16.5 million metric tons during fiscal 1968-69, 18 percent less than the 20.1 million tons for 1967-68. Coarse grain exports were 16.0 million tons while products were 0.5 million.

Decreased shipments to Western Europe and India accounted largely for the decline. Japan continues to be the largest market for coarse grain and products and took 4.5 million tons - 2 percent more than during fiscal 1967-68.

### COARSE GRAINS

Corn exports totaled 13.0 million tons, compared with 14.5 million for 1967-68 - down 10 percent. Decreased shipments to most Western European countries, Czechoslovakia, Poland and India accounted largely for the decrease.

Exports of oats in 1968-69 totaled 55,000 tons, 31 percent less than the 80,000 tons a year earlier. This was attributed mainly to smaller shipments to Italy and West Germany.

Barley exports totaled 250,000 tons in comparison with 643,000 for 1967-68. Shipments were reduced to most destinations, but mainly to Italy, Denmark, Poland, Japan and Republic of Korea.

Sorghum exports of 2.7 million tons were 39 percent less than the 4.4 million tons last fiscal year. Shipments to most countries were down. However, increased shipments went to Hungary, Israel and Pakistan.



COARSE GRAINS (grain equivalent): U.S. exports by country of destination, fiscal year 1968-69

Destination	Corn and Products								
	Corn except seed	Corn seed except sweet	Corn for relief	Corn meal not for relief	Hominy and grits	Corn starch	Corn meal for relief	Total	
	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	
North and Central America and Caribbean:									
Canada .....	1/ 799,090	4,042	--	47,296	16,597	19,434	--	886,459	
Mexico .....	12,930	1,495	--	--	1,455	277	--	16,157	
British Honduras .....	176	2	--	--	--	--	--	178	
Costa Rica .....	1,218	9	--	--	--	1,891	--	3,118	
El Salvador .....	146	4	--	280	--	44	1,252	1,726	
Guatemala .....	50	20	167	--	26	282	1,682	2,227	
Honduras .....	56	5	--	--	140	683	156	1,040	
Nicaragua .....	92	4	70	--	--	157	--	323	
Panama .....	110	15	--	36	--	3,763	34	3,958	
Bahamas .....	5,001	9	--	266	2,474	46	--	7,796	
Barbados .....	154	3	--	28	--	--	--	185	
Bermuda .....	288	3	--	--	--	71	--	362	
Dominican Republic .....	10	--	--	6,405	438	272	11,439	18,564	
French West Indies .....	136	--	--	83	--	--	91	310	
Haiti .....	456	26	--	--	--	107	6,243	6,832	
Jamaica .....	50,808	222	--	2,678	18	2,657	698	57,081	
Leeward and Windward Islands .....	959	2	--	233	--	1	117	1,312	
Netherlands Antilles .....	1,483	--	--	5,023	--	11	--	6,517	
Trinidad and Tobago .....	44,547	--	--	194	--	48	--	44,789	
Total .....	917,710	5,861	237	62,522	21,148	29,744	21,712	1,058,934	
South America:									
Argentina .....	60	449	--	--	--	22	--	531	
Bolivia .....	111	1	--	17	--	13	340	482	
Brazil .....	1,161	75	2,000	12,356	--	15	2,738	18,345	
Chile .....	107,345	75	--	341	--	622	721	109,104	
Colombia .....	12,080	13	1,037	--	--	12	3,055	16,197	
Ecuador .....	26	--	--	520	--	1,754	1,630	3,930	
Guyana .....	57	2	--	134	79	--	--	272	
Peru .....	5,281	74	--	5,729	--	133	1,696	12,913	
Surinam .....	5,807	11	--	59	--	397	--	6,274	
Uruguay .....	18,538	1	--	--	--	--	--	18,539	
Venezuela .....	522	13	--	13	--	386	418	1,352	
Total .....	150,988	714	3,037	19,169	79	3,354	10,598	187,939	
Western Europe:									
EC:									
Belgium and Luxembourg .....	532,195	61	--	--	--	341	--	532,597	
France .....	141,413	649	--	57	--	675	--	142,794	
Germany, West .....	1,070,951	743	--	136	17,637	1,242	--	1,090,709	
Italy .....	1,532,741	2,112	--	--	--	322	--	1,535,175	
Netherlands .....	2,610,301	443	--	601	--	482	--	2,611,827	
Total .....	5,887,601	4,008	--	794	17,637	3,062	--	5,913,102	
Other Western Europe:									
Austria .....	154	28	--	--	--	--	--	182	
Cyprus .....	9,753	5	--	--	--	--	--	9,758	
Denmark .....	970	1	--	232	331	31	--	1,565	
Finland .....	4,390	2	--	--	--	1,321	--	5,713	
Greece .....	289,376	--	--	40	--	83	--	289,499	
Iceland .....	8,568	--	--	--	--	--	--	8,568	
Ireland .....	19,163	5	--	--	--	247	--	19,415	
Malta .....	2	--	--	--	--	--	--	2	
Norway .....	5,134	--	--	384	--	1,093	--	6,611	
Portugal .....	60,951	284	--	--	--	--	--	61,235	
Spain .....	166,801	909	--	48	--	--	--	167,758	
Sweden .....	2,499	4	--	2,316	735	312	--	5,866	
Switzerland .....	31,583	--	--	--	343	212	--	32,138	
United Kingdom .....	1,653,202	12	--	241	--	12,366	--	1,665,821	
Total .....	2,252,546	1,250	--	3,261	1,409	15,665	--	2,274,131	
Eastern Europe:									
Czechoslovakia .....	28	20	--	--	--	--	--	48	
Germany, East .....	256,235	--	--	--	--	--	--	256,235	
Hungary .....	41,998	6	--	--	--	--	--	42,004	
Poland .....	298,226	--	--	--	--	--	1,601	299,827	
USSR .....	--	--	--	--	--	--	--	--	
Yugoslavia .....	--	3	--	--	--	--	--	3	
Total .....	596,487	29	--	--	--	--	1,601	598,117	
Total Europe .....	8,736,634	5,287	--	4,055	19,046	18,727	1,601	8,785,350	

Oats and Products			Barley and Products			Total all		Destination
Oats	Oatmeal Edible	Total	Barley	Malt	Total	Grain sorghums	coarse grains and products	
Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	
769	96	865	--	612	612	21,221	909,157	North and Central America and Caribbean:
3,506	192	3,698	2,813	2,955	5,768	28,051	53,674	Canada
--	33	33	--	--	--	--	211	Mexico
--	--	--	--	442	442	160	3,720	British Honduras
--	1,356	1,356	--	4	4	248	3,334	Costa Rica
--	610	610	--	72	72	221	3,130	El Salvador
--	326	326	--	4,912	4,912	117	6,395	Guatemala
9	4,158	4,167	--	143	143	311	4,944	Honduras
126	217	343	--	178	178	10	4,489	Nicaragua
210	24	234	--	2	2	--	8,032	Panama
--	--	--	--	273	273	--	458	Bahamas
--	--	--	--	--	--	--	362	Barbados
241	2,375	2,616	--	2,168	2,168	86	23,434	Bermuda
--	--	--	--	--	--	--	310	Dominican Republic
--	--	--	--	--	--	117	6,949	French West Indies
154	155	309	--	2,032	2,032	4,195	63,617	Haiti
--	2	2	--	--	--	--	1,314	Jamaica
9	6	15	--	3	3	52	6,587	Leeward and Windward Islands
--	7	7	--	--	--	89	44,885	Netherlands Antilles
5,024	9,557	14,581	2,813	13,796	16,609	54,878	1,145,002	Trinidad and Tobago
--	--	--	--	--	--	--	--	Total
--	418	418	--	--	--	5,040	5,571	South America:
33	1,430	1,463	--	28	28	2,325	22,161	Argentina
--	132	132	--	--	--	288	109,524	Bolivia
9	1,556	1,565	50,718	--	50,718	--	68,480	Brazil
2,196	356	2,552	--	18	18	210	6,710	Chile
--	--	--	--	659	659	--	931	Colombia
--	59	59	--	706	706	94	13,772	Ecuador
--	46	46	--	72	72	--	6,392	Guyana
--	--	--	--	--	--	356	18,895	Peru
420	3,304	3,724	--	25,824	25,824	459	31,359	Surinam
2,658	7,301	9,959	50,718	27,307	78,025	8,772	284,695	Uruguay
--	--	--	--	--	--	--	--	Venezuela
6,014	--	6,014	1,016	25	1,041	67,746	607,398	Total
--	11	11	--	--	--	3,107	145,912	Western Europe:
--	3	3	24,405	--	24,405	17,838	1,132,955	EC:
--	13	13	54,688	--	54,688	1,702	1,591,578	Belgium and Luxembourg
33,864	--	33,864	--	--	--	115,262	2,760,953	France
39,878	27	39,905	80,109	25	80,134	205,655	6,238,796	Germany, West
--	--	--	--	--	--	6	188	Italy
--	--	--	--	--	--	--	24,453	Netherlands
--	--	--	--	--	--	--	1,565	Other Western Europe:
--	--	--	--	--	--	--	5,713	Austria
--	--	--	--	--	--	--	289,499	Cyprus
--	--	--	30	--	30	--	8,598	Denmark
--	--	--	--	--	--	--	19,415	Finland
--	--	--	--	--	--	507	509	Greece
--	--	--	--	--	--	15,050	21,661	Iceland
--	--	--	--	--	--	302	61,537	Ireland
--	--	--	--	18	18	814	168,590	Malta
--	--	--	--	--	--	--	5,866	Norway
7,385	--	7,385	--	--	--	2,514	42,037	Portugal
--	5	5	--	--	--	--	1,665,826	Spain
7,385	5	7,390	14,725	18	14,743	19,193	2,315,457	Sweden
--	--	--	--	--	--	--	--	Switzerland
--	--	--	--	--	--	--	--	United Kingdom
1	--	1	--	--	--	--	--	Total
47,264	32	47,296	94,834	43	94,877	367,537	9,295,060	Eastern Europe:
--	--	--	--	--	--	--	--	Czechoslovakia
--	--	--	--	--	--	59,756	315,991	East Germany
--	--	--	--	--	--	50,929	92,933	Hungary
1	--	1	--	--	--	32,004	331,831	Poland
--	--	--	--	--	--	--	1	USSR
1	--	1	--	--	--	--	3	Yugoslavia
--	--	--	--	--	--	142,689	740,807	Total
47,264	32	47,296	94,834	43	94,877	367,537	9,295,060	Total Europe

COARSE GRAINS (grain equivalent): U.S. exports by country of destination, fiscal year 1968-69

Destination	Corn and Products								Total
	Corn except seed	Corn seed except sweet	Corn for relief	Corn meal not for relief	Hominy and grits	Corn starch	Corn meal for relief		
	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons		
Africa:									
Algeria .....	--	--	--	--	--	--	239	239	
Angola .....	81	--	--	--	--	--	--	81	
Burundi and Rwanda .....	--	--	--	--	--	15	112	127	
Canary Islands .....	56,887	--	--	--	--	23	--	56,910	
Congo (Kinshasa) .....	--	--	--	--	--	33	448	481	
Ethiopia .....	193	--	--	12	--	--	--	205	
Gabon .....	--	--	--	9	--	--	--	9	
Gambia .....	--	--	--	--	--	--	--	--	
Ghana .....	4,866	--	--	13	--	5	64	4,948	
Kenya .....	256	1	--	21	--	77	--	355	
Liberia .....	95	17	--	415	--	43	457	1,027	
Libya .....	549	--	--	--	12	6	--	567	
Malagasy, Republic of .....	--	--	--	--	--	--	--	--	
Malawi .....	--	--	--	--	--	6	--	6	
Mauritius .....	548	--	--	--	--	--	--	548	
Morocco .....	9	--	--	--	--	--	38,195	38,204	
Mozambique .....	9	--	--	9	--	--	--	18	
Nigeria .....	303	--	--	100	43	21	8,640	9,107	
Senegal .....	--	--	--	--	--	--	5,282	5,282	
Sierra Leone .....	66	--	--	--	--	--	689	755	
Somali Republic .....	302	--	--	--	--	--	--	302	
South Africa, Republic of .....	35	57	--	5,640	--	34	--	5,766	
Southern Africa, n.e.c. ....	--	--	--	5,474	--	--	7,466	12,940	
Sudan .....	--	--	--	--	--	10	--	10	
Tanzania .....	827	--	--	--	--	--	2,407	3,234	
Togo .....	16	--	--	91	--	--	786	893	
Tunisia .....	4,064	2	--	--	--	--	64	4,130	
Uganda .....	99	--	--	--	--	--	--	99	
Western Africa, n.e.c. ....	174	--	--	492	--	--	94,225	94,891	
Zambia .....	10	--	--	--	--	--	--	10	
Total .....	69,389	77	--	12,276	55	273	159,074	241,144	
Asia:									
Arabian Peninsula States .....	262	10	--	--	--	1	--	273	
Bahrain .....	43	--	--	--	--	148	--	191	
Burma .....	--	--	--	--	--	--	289	289	
Ceylon .....	--	--	--	--	--	257	--	257	
Hong Kong .....	158	--	--	15	--	39	--	212	
India .....	1,207	1	--	--	--	8	807	2,023	
Indonesia .....	57	--	--	--	--	--	390	447	
Iran .....	431	--	--	--	--	45	--	476	
Iraq .....	--	32	--	--	--	--	--	32	
Israel .....	88,240	21	--	48	--	117	--	88,426	
Japan .....	2,731,348	345	--	313	450	50	--	2,732,506	
Jordan .....	23	--	--	--	--	--	51	74	
Korea, Republic of .....	169,788	20	--	14	--	1,553	9,407	180,782	
Kuwait .....	320	6	--	18	--	9	--	353	
Laos .....	--	--	--	3,210	--	--	--	3,210	
Lebanon .....	25,402	--	--	--	--	18	--	25,420	
Macao .....	--	--	--	--	--	--	--	--	
Malaysia .....	21	--	--	938	--	1	--	960	
Nansei and Nanpo Islands .....	2,703	49	--	10	--	131	--	2,893	
Nepal .....	297	--	--	--	--	--	--	297	
Pakistan .....	6,858	1	--	--	--	--	--	6,859	
Philippines .....	207	--	--	60	--	518	3,620	4,405	
Republic of China (Taiwan) .....	17,605	18	--	--	--	34	--	17,657	
Saudi Arabia .....	574	3	--	19	--	7	--	603	
Singapore .....	154	--	--	25	--	--	--	179	
Southern Yemen .....	18	--	--	--	--	--	--	18	
Thailand .....	361	464	--	5	--	207	--	1,037	
Turkey .....	5,624	--	--	--	--	--	75	5,699	
Vietnam, South .....	38,741	--	--	26,210	--	7	2,483	67,441	
Total .....	3,090,442	970	--	30,885	450	3,150	17,122	3,143,019	
Oceania:									
Australia .....	--	--	--	--	41	901	--	942	
British West Pacific Islands .....	--	--	--	--	--	--	175	175	
French Pacific Islands .....	--	--	--	--	--	19	--	19	
New Zealand .....	--	31	--	--	--	59	--	90	
Trust Territory of Pacific Islands .....	15	7	--	5	--	3	--	30	
Total .....	15	38	--	5	41	982	175	1,256	
World total .....	12,965,178	12,947	3,274	128,912	40,819	56,230	210,282	13,417,642	
Equivalent 1,000 bushels .....	510,411	510	129	5,075	1,607	2,214	8,278	528,221	

1/ Adjusted to cover transshipments through Canadian ports which are included in data for countries of ultimate destination.





COARSE GRAIN PRODUCTS

Exports of coarse grain products consisting of corn meal, hominy and grits, cornstarch, oatmeal and barley malt (grain equivalent) totaled 506,000 metric tons during fiscal 1968-69, slightly less than the 510,000 tons for 1967-68.

Total corn products were 436,000 tons and showed a small increase of 7 percent over the 406,000 tons shipped in 1967-68. Cornmeal totaled 339,000 tons and accounted for 78 percent of the total corn products exported. Canada was the principal commercial market. About 210,000 tons were donated under government programs for relief.

Hominy and grits exports totaled 41,000 and showed an increase of 17 percent over the 35,000 tons shipped during 1967-68. Shipments to Canada and West Germany accounted for 84 percent of the total.

Cornstarch shipments totaled 56,000 tons compared with 49,000 tons for 1967-68. The major markets were Canada and the United Kingdom.

Exports of oatmeal totaled 26,000 tons and were down 61 percent from the 66,000 tons shipped last year. The sharp drop was due mostly to reduction of shipments under the PL 480 program to South Vietnam.

Barley malt exports of 44,000 tons were up 14 percent from the 39,000 tons exported during 1967-68. The major market was Venezuela that accounted for 59 percent of total shipments.





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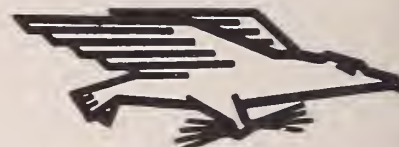
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## FEEDGRAIN TAKINGS BY MAJOR IMPORTERS

### OFF 3 PERCENT DURING FY 1969

Total feedgrain imports during FY 1969 by the major importing countries (UK, Japan, Spain, and EC) at 30 million tons were 0.9 million less than a year earlier. These countries have recently accounted for about 75 percent of world imports.

Total corn, sorghum, and oats imports declined 652,000, 513,000, and 36,000 tons, respectively, while barley imports gained 324,000 tons. The major declines were to the EC (1.2 million tons) and Spain (0.5 million tons), while the UK took about the same amount. Japan, however, increased imports by over 0.8 million tons.

Corn imports at 21.5 million tons accounted for over 70 percent of total feedgrain takings. Japan imported 0.7 million tons more than a year earlier. The EC took about 0.8 million tons less and the UK and Spain 0.6 million less.

Sorghum takings by these countries at 3.4 million tons were down by over 500,000 tons, while imports from the U.S. dropped by 748,000 tons. The bulk of the decline (417,000 tons), occurred in imports by the EC.

Barley countered the trend of the other feedgrains, as imports increased by 324,000 tons to 4.3 million. The UK accounted for most of the gain.

Oats imports at 848,000 tons were off 36,000 tons.

Cumulative imports of feedgrains (corn, sorghum, barley, oats) by major importers, July-June

Country of origin	United Kingdom	Japan	Spain	Belgium-Luxembourg	France	European Community			Netherlands	EC Total	Total	+ or -
						West Germany	Italy					
A. CORN												
United States												
1967-68	1,892	2,096	1,045	387	346	1,539	1,668	1,000	1,947	5,887	10,920	1,000
1968-69	1,740	2,558	236	381	314	1,334	1,648	1,290	1,290	4,967	9,501	1,419
Argentina												
1967-68	75	50	776	135	59	271	1,940	122	122	2,527	3,428	
1968-69	87	69	749	--	37	119	2,156	77	77	2,389	3,294	134
South Africa												
1967-68	888	1,149	56	--	50	127	359	1	1	537	2,630	281
1968-69	526	1,444	236	--	11	131	--	--	--	143	2,349	--
Thailand												
1967-68	--	551	--	--	--	--	--	--	--	--	551	
1968-69	--	521	--	--	--	--	--	--	--	--	521	30
Mexico												
1967-68	1/	316	--	86	30	38	--	277	277	431	747	
1968-69	--	440	--	31	27	58	--	58	58	174	614	133
Brazil												
1967-68	--	54	84	--	--	13	242	1	1	256	394	791
1968-69	--	--	500	--	--	21	664	--	--	685	1,185	+
France												
1967-68	107	--	473	235	--	172	--	57	57	464	1,044	
1968-69	166	--	461	478	--	470	--	306	306	1,254	1,881	837
Yugoslavia												
1967-68	--	--	1/	--	--	56	278	--	--	334	334	317
1968-69	--	--	1/	--	--	17	1/	1/	1/	17	17	--
Other												
1967-68	839	366	2	119	38	237	421	80	80	895	2,102	
1968-69	946	255	26	198	64	92	455	100	100	909	2,136	34
Total												
1967-68	3,801	4,582	2,436	962	523	2,453	4,908	2,485	2,485	11,331	22,150	
1968-69	3,465	5,287	2,208	1,088	453	2,242	4,923	1,832	1,832	10,538	21,498	652
B. SORGHUM												
United States												
1967-68	5	1,987	32	352	4	93	1	242	242	692	2,716	
1968-69	--	1,801	1	72	4	32	2	56	56	166	1,968	748
Argentina												
1967-68	1	92	148	127	--	71	18	69	69	285	526	
1968-69	--	461	35	177	8	38	22	64	64	309	805	279
South Africa												
1967-68	83	238	1/	--	--	--	--	6	6	6	327	260
1968-69	--	62	--	--	4	--	--	1	1	5	67	--
Thailand												
1967-68	--	20	--	--	--	--	--	--	--	--	20	
1968-69	--	15	--	--	--	--	--	--	--	--	15	5
Other												
1967-68	37	141	14	123	--	14	12	20	20	169	361	
1968-69	156	161	10	154	14	23	12	52	52	255	582	221
Total												
1967-68	126	2,478	194	602	4	178	31	337	337	1,152	3,950	
1968-69	177	2,222	17	100	20	63	32	173	173	735	3,137	513



Cumulative imports of feedgrains (corn, sorghum, barley, oats) by major importers, July-June

Country of origin	United Kingdom	Japan	Spain	European Community						Total	+ or -
				Belgium-Luxembourg	France	West Germany	Italy	Netherlands	EC Total		
	1,000 m. t.	1,000 m. t.	1,000 m. t.	1,000 m. t.	1,000 m. t.	1,000 m. t.	1,000 m. t.	1,000 m. t.	1,000 m. t.	1,000 m. t.	1,000 m. t.
<b>A. CORN</b>											
United States											
1967-68	1,892	2,096	1,045	387	346	1,539	1,668	1,947	5,887	10,920	
1968-69	1,740	2,558	236	381	314	1,334	1,648	1,290	4,967	9,501	1,419
Argentina											
1967-68	75	50	776	135	59	271	1,940	122	2,527	3,428	
1968-69	87	69	749	--	37	119	2,156	77	2,389	3,294	134
South Africa											
1967-68	888	1,149	56	--	50	127	359			2,630	
1968-69	526	1,444	236	--	11	131	--	1	537	2,349	281
Thailand											
1967-68	--	551	--	--	--	--	--	--	--	551	
1968-69	--	521	--	--	--	--	--	--	--	521	30
Mexico											
1967-68	1/	316	--	86	30	38	--	277	431	747	
1968-69	--	440	--	31	27	58	--	58	174	614	133
Brazil											
1967-68	--	54	84	--	--	13	242	1	256	394	
1968-69	--	--	500	--	--	21	664	--	685	1,185	791
France											
1967-68	107	--	473	235	--	172	--	57	464	1,044	
1968-69	166	--	461	478	--	470	--	306	1,254	1,881	837
Yugoslavia											
1967-68	--	--	1/	--	--	56	278	--	334	334	
1968-69	--	--	1/	--	--	17	1/	1/	17	17	317
Other											
1967-68	839	366	2	119	38	237	421	80	895	2,102	
1968-69	946	255	26	198	64	92	455	100	909	2,136	34
Total											
1967-68	3,801	4,582	2,436	962	523	2,453	4,908	2,485	11,331	22,150	
1968-69	3,465	5,287	2,208	1,088	453	2,242	4,923	1,832	10,538	21,498	652
<b>B. SORGHUM</b>											
United States											
1967-68	5	1,987	32	352	4	93	1	242	692	2,716	
1968-69	--	1,801	1	72	4	32	2	56	166	1,968	748
Argentina											
1967-68	1	92	148	127	--	71	18	69	285	526	
1968-69	--	461	35	177	8	38	22	64	309	805	279
South Africa											
1967-68	83	238	1/	--	--	--	--	6	6	327	
1968-69	--	62	--	--	4	--	--	1	5	67	260
Thailand											
1967-68	--	20	--	--	--	--	--	--	--	20	
1968-69	--	15	--	--	--	--	--	--	--	15	5
Other											
1967-68	37	141	14	123	--	14	12	20	169	361	
1968-69	156	161	10	154	14	23	12	52	255	582	221
Total											
1967-68	126	2,478	194	602	4	178	31	337	1,152	3,950	
1968-69	156	2,500	46	403	30	93	36	173	735	3,437	513
<b>C. BARLEY</b>											
United States											
1967-68	--	98	--	--	--	33	270	4	307	405	
1968-69	--	9	--	--	--	35	52	--	87	96	309
Canada											
1967-68	96	390	55	--	--	54	276	4	334	875	
1968-69	136	23	--	--	--	--	73	--	73	232	643
France											
1967-68	--	13	28	446	--	639	--	124	1,209	1,250	
1968-69	--	468	3	551	--	970	295	189	2,005	2,476	1,226
Argentina											
1967-68	--	--	1	--	--	3	--	--	3	4	
1968-69	--	--	--	--	--	4	221	--	225	225	221
Australia											
1967-68	11	80	--	--	--	14	104	--	118	209	
1968-69	136	139	--	--	--	2	--	3	5	280	71
Other											
1967-68	2	--	41	67	--	766	294	28	1,155	1,198	
1968-69	100	--	2	19	3	470	345	17	854	956	242
Total											
1967-68	109	581	125	513	1/	1,509	944	160	3,126	3,941	
1968-69	372	639	5	570	3	1,481	986	209	3,249	4,265	324
<b>D. OATS</b>											
United States											
1967-68	--	1	--	20	--	32	13	15	80	81	
1968-69	--	1/	--	--	--	1	--	10	11	11	70
Canada											
1967-68	3	3	--	--	--	1	--	1	2	8	
1968-69	--	--	--	--	--	--	--	--	--	--	8
Australia											
1967-68	2	16	--	--	--	103	64	30	197	215	
1968-69	--	44	--	--	--	84	--	14	98	142	73
Argentina											
1967-68	--	3	--	--	--	44	92	12	148	151	
1968-69	--	1/	--	--	1/	6	211	12	229	229	78
France											
1967-68	--	--	--	44	--	40	--	13	97	97	
1968-69	--	--	--	49	--	80	--	27	156	156	59
Other											
1967-68	--	--	1/	3	--	311	8	10	332	332	
1968-69	25	--	1	18	--	197	59	10	284	310	22
Total											
1967-68	5	23	1/	67	--	531	177	81	856	884	
1968-69	25	44	1	67	1/	368	270	73	778	848	36
<b>E. ALL FEEDGRAINS (Summary Tables A thru D)</b>											
Corn											
1967-68	3,801	4,582	2,436	962	523	2,453	4,908	2,485	11,331	22,150	
1968-69	3,465	5,287	2,208	1,088	453	2,242	4,923	1,832	10,538	21,498	652
Sorghum											
1967-68	126	2,478	194	602	4	178	31	337	1,152	3,950	
1968-69	156	2,500	46	403	30	93	36	173	735	3,437	513
Barley											
1967-68	109	581	125	513	1/	1,509	944	160	3,126	3,941	
1968-69	372	639	5	570	3	1,481	986	209	3,249	4,265	324
Oats											
1967-68	5	23	1/	67	--	531	177	81	856	884	
1968-69	25	44	1	67	1/	368	270	73	778	848	36
Total Feedgrains											
1967-68	4,041	7,664	2,755	2,144	527	4,671	6,060	3,063	16,465	30,925	
1968-69	4,018	8,470	2,260	2,128	486	4,184	6,215	2,287	15,300	30,048	877

1/ Less than 500 metric tons.

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U.S. GRAIN EXPORTS UP

14 PERCENT IN FY 1970

Total U.S. exports of grains and products (grain equivalent) at 38 million tons were 4.8 million larger than in FY 69 (July 1968-June 1969). Feedgrain exports were up by 3.2 million tons while the wheat and flour total increased by 1.8 million. Meanwhile, exports of the major grain products declined by 0.2 million tons (grain equivalent). Rice exports at 1.76 million tons were up slightly - 75,000 tons. A summary of U.S. grain exports follows:

U.S. Grain Exports Summary, FY 1968 and 1969

<u>Commodity</u>	July 1, 1968	July 1, 1969	<u>+ or -</u>	<u>% Change</u>
	<u>June 30, 1969</u>	<u>June 30, 1970</u>		
- - - - - 1,000 Metric Tons - - - - -				
Wheat and Flour	14,695	16,480	+ 1,785	+ 12.1
Wheat (mil. bu.)	(479)	(541)	+ (62)	+ 12.9
Flour (mil. bu.)	(61)	(65)	+ (4)	+ 6.6
Wheat and Flour (mil. bu.)	(540)	(606)	+ (66)	12.2
Corn	12,981	15,841	+ 2,860	+ 22.0
Sorghum	2,695	3,016	+ 321	+ 11.9
Barley	250	297	+ 47	+ 18.8
Oats	55	22	- 33	- 60.0
Sub-total	15,981	19,176	+ 3,195	+ 20.0
Rye	32	13	- 19	- 59.4
Rice	1,682	1,757	+ 75	+ 4.5
Products (grain equiv.)				
Wheat (except flour)	325	230	- 95	- 29.2
Corn meal, starch, hominy & grits	436	335	- 101	- 23.2
Barley Malt	44	36	- 8	- 18.2
Oatmeal	63	55	- 8	- 12.7
Sub-total	868	656	- 212	- 24.4
Grand total	33,258	38,082	+ 4,824	14.5

Source: Compiled from reports of the U.S. Department of Commerce



Wheat exports at 541 million bushels were 62 million higher than during FY 69. The major increases (million bushels) were to Japan (+20), Pakistan (+18), Turkey (+12) and the U.K. (+7). Smaller increases to Argentina (special need), Morocco, Portugal and Nigeria were basically offset by decreased exports to EC, the Republic of Korea, Chile and the Philippines.

Total exports of wheat flour gained by about 4 million bushels to nearly 65 million (grain equivalent). The major increase was to Indonesia followed by minor gains to Bolivia, South Vietnam, and Jordan. The major decline was in exports to Ceylon. All of these are basically PL-480 markets.

Feedgrain exports at 19.6 million tons (including products) were 3.1 million above FY 69. Corn alone accounted for about 2.8 million tons of this increase while sorghums were up about 0.3 million. The major gain was an increase of nearly 2 million tons in exports to Japan (primarily corn), followed by increases of 0.65 million tons to Spain and nearly 0.4 million to Mexico. Lesser increases were registered in takings by Chile, Venezuela, Greece, Portugal, the U.K. and Israel. A major decline was noted only in exports to the EC.

Rice exports at 1.76 million tons represented a small improvement over the previous year. Sales to commercial markets - the EC, other Western Europe and South Africa - showed small gains. However, the principal concessional markets - South Vietnam, Indonesia and Republic of Korea - continue to be the larger markets and accounted for most of this year's increase.

Rye exports at only 13,000 tons were 19,000 below the year ago figure.

## WHEAT AND FLOUR 1/: U.S. exports by country of destination, July-June 1968-69 and July-June 1969-70

Destination	July-June 1968-69				July-June 1969-70				+ or -
	Wheat	Flour 2/	Total		Wheat	Flour 2/	Total		
	1,000 Bushels	1,000 Bushels	1,000 Bushels	1,000 Metric Tons	1,000 Bushels	1,000 Bushels	1,000 Bushels	1,000 Metric Tons	
Western Hemisphere:									
Canada	3/	29	29	1	3/	24	24	1	0
Mexico	94	7	101	3	125	10	135	4	1
Costa Rica	2,570	42	2,612	71	1,921	62	1,983	54	17
El Salvador	2,461	63	2,524	69	2,405	79	2,484	67	2
Guatemala	2,011	173	2,184	59	2,618	108	2,726	74	15
Other Central America	3,546	421	3,967	108	4,034	275	4,309	117	9
Dominican Republic	2,865	168	3,033	83	3,227	138	3,365	92	9
Haiti	--	974	974	27	--	41	41	1	26
Jamaica	496	621	1,117	30	937	530	1,467	40	10
Trinidad and Tobago	2,396	3	2,399	65	2,078	5	2,083	57	8
Other Bermuda and Caribbean	63	681	744	20	--	658	658	18	2
Argentina	--	--	--	--	4,798	--	4,798	131	131
Bolivia	493	2,450	2,943	80	268	4,393	4,661	127	47
Brazil	28,723	956	29,679	808	33,288	1,185	34,473	938	130
Chile	3,416	684	4,100	112	436	321	757	20	92
Colombia	7,873	534	8,407	229	9,032	738	9,770	266	37
Ecuador	2,180	127	2,307	63	1,960	121	2,081	57	6
Guyana	310	814	1,124	31	1,390	8	1,398	38	7
Peru	3,778	356	4,134	112	5,802	308	6,110	166	54
Surinam	337	269	606	16	279	225	504	14	2
Uruguay	3,698	7	3,705	101	--	14	14	3/	101
Venezuela	24,140	15	24,155	657	25,145	18	25,163	655	28
Other South America	1	56	57	1	1,116	67	1,183	32	31
Total	91,451	9,450	100,901	2,746	100,859	9,328	110,187	2,999	253
Western Europe:									
EC:									
Belgium and Luxembourg	7,390	4	7,394	201	7,256	5	7,261	198	3
France	12,008	--	12,008	327	5,059	--	5,059	138	189
Germany, West	11,878	5	11,883	323	6,343	14	6,357	173	150
Italy	16,513	14	16,527	450	9,228	1	9,229	251	199
Netherlands	22,332	505	22,837	622	25,306	488	25,794	701	79
Total	70,121	528	70,649	1,923	53,192	508	53,700	1,461	462
Other Western Europe:									
Cyprus	--	65	65	2	1,045	30	1,075	29	27
Iceland	9	373	382	10	8	291	299	8	2
Norway	645	7	652	18	2,258	4	2,262	62	44
Portugal	426	234	660	18	4,888	116	5,004	136	118
Switzerland	5,498	--	5,498	150	7,105	--	7,105	193	43
United Kingdom	4,485	41	4,526	123	11,821	15	11,836	322	199
Others	700	96	796	21	908	87	995	28	7
Total	11,763	616	12,379	342	28,033	543	28,576	778	436
Eastern Europe:									
Poland	--	518	518	14	--	372	372	10	4
Yugoslavia	--	2	2	3/	--	2	2	3/	0
Total	--	520	520	14	--	374	374	10	4
Total Europe	81,884	1,864	83,748	2,279	81,225	1,425	82,650	2,249	30
Asia:									
Ceylon	--	10,988	10,988	299	--	6,212	6,212	169	130
Hong Kong	967	206	1,173	32	1,794	161	1,955	53	21
India	85,099	21	85,120	2,317	85,042	36	85,078	2,315	2
Indonesia	71	7,393	7,464	203	362	15,280	15,642	426	223
Israel	10,211	2,538	12,749	347	12,247	3,366	15,613	425	78
Japan	67,365	209	67,574	1,839	87,517	4	87,521	2,382	513
Jordan	1,436	2,079	3,515	96	20	3,439	3,459	94	2
Korea, Republic of	48,145	7,188	55,333	1,506	35,776	4,578	40,354	1,098	408
Lebanon	1,383	1,647	3,030	82	2,283	667	2,950	80	2
Nansei and Nanpo Islands	1,263	344	1,607	44	1,357	500	1,857	51	7
Pakistan	18,555	14	18,569	505	36,283	3	36,286	988	483
Philippines	18,355	502	18,857	513	16,646	280	16,926	461	52
Saudi Arabia	28	3,720	3,748	102	22	4,146	4,168	113	11
Republic of China (Taiwan)	13,619	--	13,619	371	14,422	--	14,422	393	22
Turkey	12,179	626	12,805	348	24,446	623	25,069	682	334
Vietnam, South	--	6,097	6,097	166	1,828	7,602	9,430	257	91
Others	1,189	676	1,865	51	2,873	516	3,389	92	41
Total	279,665	44,248	324,113	8,821	322,918	47,413	370,331	10,079	1,258
Africa:									
Algeria	9,627	203	9,830	268	8,322	597	8,919	243	25
Congo (Kinshasa)	--	1,560	1,560	42	--	817	817	22	20
Ghana	--	42	42	1	910	--	910	25	24
Guinea	--	339	339	9	--	452	452	12	3
Morocco	2,526	1,735	4,261	116	6,915	2,583	9,498	258	142
Nigeria	5,324	197	5,521	150	8,737	86	8,823	240	90
Southern Africa, n.e.c.	--	21	21	1	--	469	469	13	12
Sierra Leone	509	7	516	14	970	15	985	27	13
Tunisia	7,531	458	7,989	217	8,320	948	9,268	252	35
Others	629	376	1,005	28	1,539	617	2,156	59	31
Total	26,146	4,938	31,084	846	35,713	6,584	42,297	1,151	305
Oceania	--	100	100	3	--	87	87	2	1
World total	479,346	60,600	539,946	14,695	540,715	64,837	605,552	16,480	1,785
Other Products	11,956	--	11,956	325	11,014	--	11,014	300	25
Grand total	491,302	60,600	551,902	15,020	551,729	64,837	616,566	16,780	1,760

1/ Data includes shipments for relief. 2/ Grain equivalent. 3/ Transshipments through Canada have been included in data for countries of ultimate destination.

Foreign Agricultural Service  
Grain and Feed Division, CAB/SSS  
August 1970

Source: Compiled from reports of the U.S. Department of Commerce



FEEDGRAINS 1/ : U.S. exports to principal countries, July-June 1968-69 and July-June 1969-70

Destination	July-June 1968-69					July-June 1969-70				
	Corn 2/	Oats	Barley	Sorghum	Total	Corn 2/	Oats	Barley	Sorghum	Total
	1,000 m. t.	1,000 m. t.	1,000 m. t.	1,000 m. t.	1,000 m. t.	1,000 m. t.	1,000 m. t.	1,000 m. t.	1,000 m. t.	1,000 m. t.
Western Hemisphere:										
Canada 3/	803	1	--	21	825	634	1/	--	26	660
Mexico	14	4	3	28	49	374	12	3	27	416
Panama	1/	1/	--	1/	1/	2	1/	--	1/	2
Other Central America	2	1/	--	1	3	1	1/	--	1/	1
Bahamas	5	1/	--	--	5	3	1/	--	--	3
Dominican Republic	1/	1/	--	1/	1/	1/	1/	1/	1/	4
Jamaica	51	1/	--	1/	55	58	1/	1/	11	69
Trinidad and Tobago	45	--	--	1/	45	50	--	--	--	50
Other Bermuda and Caribbean	4	1	--	1/	5	3	1	1	1/	5
Argentina	1	--	--	5	6	1/	--	--	1	1
Brazil	3	--	--	2	5	3	1/	--	2	5
Chile	107	--	--	1/	107	165	--	--	1/	165
Colombia	13	1/	51	--	64	3	1/	14	1/	31
Ecuador	--	2	--	1/	2	1/	1/	--	1/	4
Peru	5	--	--	1/	5	2	1/	--	1/	2
Surinam	6	--	--	--	6	10	1/	--	1/	10
Uruguay	19	--	--	1/	19	1/	1/	--	1/	1/
Venezuela	1	--	--	1	2	1/	1	--	1/	90
Other South America	--	1/	--	1	1	2	1/	--	3	5
Total	1,079	8	54	63	1,204	1,356	18	18	131	1,523
Western Europe:										
EC:										
Belgium and Luxembourg	532	6	1	68	607	691	1	6	120	818
France	142	--	--	3	145	60	--	--	1	61
Germany, West	1,072	--	24	18	1,114	1,106	--	15	1/	1,121
Italy	1,535	--	55	2	1,592	1,239	--	--	1	1,240
Netherlands	2,611	34	--	115	2,760	2,220	--	31	32	2,283
Total	5,892	40	80	206	6,218	5,316	1	52	154	5,523
Other Western Europe:										
Cyprus	10	--	15	--	25	6	--	--	--	6
Finland	4	--	--	--	4	3	--	--	--	3
Greece	289	--	--	--	289	373	--	--	1/	373
Iceland	9	--	1/	--	9	5	--	--	--	5
Ireland	19	--	--	--	19	59	--	--	5	64
Malta	--	--	--	1	1	1	--	--	3	4
Norway	5	--	--	15	20	38	--	19	--	57
Portugal	61	--	--	1/	61	157	--	15	1/	172
Spain	167	--	--	1	168	816	--	--	1/	816
Sweden	2	--	--	--	2	8	--	--	--	8
Switzerland	32	7	--	2	41	57	1	--	7	65
United Kingdom	1,653	--	--	--	1,653	1,838	--	5	--	1,843
Others	3	--	--	1/	3	1	1/	--	1/	1
Total	2,254	7	15	19	2,295	3,362	1	39	15	3,417
Eastern Europe:										
Germany, East	256	--	--	60	316	404	--	--	--	404
Hungary	42	--	--	51	93	1/	--	--	1/	1/
Poland	298	--	--	32	330	143	--	--	--	143
Romania	--	1/	--	--	1/	--	--	130	--	130
Yugoslavia	--	--	--	--	--	1/	1/	21	--	21
Total	596	1/	--	143	739	547	--	151	--	698
Total Europe	8,742	47	95	368	9,252	9,225	2	242	169	9,638
Asia:										
India	1	--	--	126	127	39	--	--	169	208
Israel	88	--	--	405	493	139	--	--	568	707
Japan	2,732	--	7	1,714	4,453	4,492	2	6	1,946	6,446
Jordan	1/	--	--	--	1/	10	--	--	--	10
Korea, Republic of	170	--	70	--	240	234	--	18	--	252
Lebanon	25	--	--	--	25	12	--	13	--	25
Pakistan	7	--	--	2	9	2	--	--	1	3
Singapore	1/	--	--	--	1/	5	--	--	--	5
Republic of China (Taiwan)	18	--	--	--	18	15	--	--	--	15
Turkey	6	--	--	1/	6	1/	--	--	1/	1/
Vietnam, South	39	--	--	--	39	103	--	--	--	103
Others	5	--	--	2	7	6	--	--	1	7
Total	3,091	--	77	2,249	5,417	5,057	2	37	2,685	7,781
Africa:										
Canary Islands	57	--	--	--	57	80	--	--	--	80
Gambia	--	--	--	1	1	--	--	--	3	3
Ghana	5	--	--	--	5	6	--	--	--	6
Senegal	--	--	--	7	7	1	--	--	21	22
Tanzania	1	--	--	1/	1	13	--	--	1/	13
Tunisia	4	--	24	--	28	11	--	--	--	11
United Arab Republic	--	--	--	--	--	52	--	--	--	52
Western Africa, n.e.c.	1/	--	--	6	6	18	--	--	2	20
Zambia	1/	--	--	--	--	13	--	--	--	13
Others	2	--	--	1	3	9	1/	--	5	14
Total	69	1/	24	15	108	203	1/	--	31	234
Oceania	1/	--	--	--	--	--	--	--	--	--
World total	12,981	55	250	2,695	15,981	15,841	22	297	3,016	19,176
Total Grain Products 5/	436	63	44	--	543	335	55	36	--	426
Grand total	13,417	118	294	2,695	16,524	16,176	77	333	3,016	19,602
Equivalent 1,000 bushels	528,199	8,129	13,503	106,096	--	636,814	5,304	15,294	118,733	--

1/ Country breakdown includes grain only; grand total includes grain and products. 2/ Includes seed corn except sweet and exports for relief. 3/ Transshipments through Canada have been included in data for countries of ultimate destination. 4/ Less than 500 metric tons. 5/ Destination of exports of products will be published at a later date.

Foreign Agricultural Service  
Grain and Feed Division, CAB/SSS  
August 1970

Source: Compiled from reports of the U.S. Department of Commerce



Destination	July-June 1968-69	July-June 1969-70	+ or -	Destination	July-June 1968-69	July-June 1969-70	+ or -
Western Hemisphere:							
Canada .....	52	56	+	Asia (Continued):			
British Honduras .....	2/	1	+	Korea, Republic of .....	1,140	1,000	-
Bahamas .....	5	5	0	Kuwait .....	9	3	-
Barbados .....	--	--	--	Lebanon .....	1	1	0
Dominican Republic .....	6	1	+	Malaysia .....	2/	2/	0
French West Indies .....	3	--	-	Nansei and Nanpo Islands .....	56	21	+
Jamaica .....	16	20	+	Saudi Arabia .....	60	72	12
Netherlands Antilles .....	4	4	0	Southern Yemen .....	11	14	+
Trinidad and Tobago .....	2/	2	0	Vietnam, South .....	232	560	328
Chile .....	11	7	-	Others .....	1	--	-
Venezuela .....	5	6	+	Total .....	1,180	1,232	52
Others .....	3	1	-	1: Africa:			
Total .....	105	104	-	2: Afars and Issas .....	2	1	-
Western Europe:				Angola .....	2	3	1
EC:				Cameroon .....	1	2/	1
Belgium and Luxembourg .....	15	18	+	Congo .....	1	5	4
France .....	22	24	+	Ghana .....	32	12	-
Germany, West .....	57	61	+	Guinea .....	10	5	-
Netherlands .....	43	45	+	Ivory Coast .....	1	1	0
Total .....	137	148	+	Liberia .....	32	48	16
Other Western Europe:				Libya .....	1	1	0
Austria .....	1	2/	-	Malagasy Republic .....	1	1	0
Denmark .....	1	1	0	Mozambique .....	1	2/	1
Finland .....	2/	1	+	Nigeria .....	4	2/	4
Greece .....	3	3	0	Senegal .....	2/	5	5
Iceland .....	1	1	0	Somalia Republic .....	6	9	3
Ireland .....	1	1	0	South Africa, Republic of .....	65	77	12
Portugal .....	1	1	0	Uganda .....	1	2/	1
Sweden .....	3	3	0	Western Africa, n.e.c. ....	1	3	2
Switzerland .....	9	13	+	Western Portuguese Africa, n.e.c. ....	8	1	-
United Kingdom .....	53	57	+	Zambia .....	1	2	+
Others .....	1	2/	-	Others .....	2	3	1
Total .....	74	81	+	Total .....	172	177	5
Total Europe .....	211	229	+	1: Oceania:			
Asia:				7: Australia .....	1	1	0
Arabia .....	3	1	-	British West Pacific Islands .....	6	7	1
Bahrain .....	2	2/	-	French Pacific Islands .....	3	2	-
Hong Kong .....	5	17	+	New Zealand .....	1	1	0
India .....	51	51	0	Trust Territory of Pac. Islands .....	3	4	1
Indonesia .....	294	353	+	Others .....	2/	2/	0
Israel .....	12	12	0	Total .....	14	15	1
Japan .....	2	2	0				
Jordan .....	1	2/	-	World total .....	1,682	1,757	75

1/ Inc ludes small quantity of rough rice milled equivalent.  
2/ Les: than 500 metric tons.

Foreign Agricultural Service  
Grain and Feed Division, CAB/SSS  
August 1970

Source: Compiled from reports of the U.S. Department of Commerce

RYE: U.S. exports by country of destination,  
July-June 1968-69 and July-June 1969-70

Destination	July-June 1968-69	July-June 1969-70	+ or -
	1,000 m. t.	1,000 m. t.	1,000 m. t.
Canada .....	3	8	+ 5
Netherlands .....	21	3	- 18
Denmark .....	2	--	- 2
Norway .....	5	--	- 5
Japan .....	--	2	+ 2
Others .....	1	1/	- 1
Total .....	32	13	- 19

1/ Less than 500 metric tons.

Foreign Agricultural Service  
Grain and Feed Division, CAB/SSS  
August 1970

Source: Compiled from reports of the U.S. Department of Commerce





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GRAIN  
FG 15-70  
September 1970

SEP 29 1970

WHEAT GRAIN EXPORTS BY FIVE MAJOR EXPORTERS CURRENT SERIAL RECORDS

INCREASE 8.6 PERCENT DURING FISCAL YEAR 1969-70

Shipments of wheat grain by the five major exporters (United States, Canada, Australia, Argentina, and France) were 36.9 million metric tons during July 1969-June 1970. This compares to 34.0 million tons during the same 12-month period of 1968-69, or an increase of 8.6 percent. Increased exports were made by the United States, Canada and Australia, while Argentina and France showed declines. All the countries of Asia, particularly Mainland China and Turkey, received increased shipments with the exception of India and the Philippines.

United States - The total exports of 14.7 million tons was an increase of 12.8 percent over the 13.0 million tons shipped during the previous year. Increased shipments were made to all areas except the EC, particularly to the countries of Japan, Pakistan, Turkey, the United Kingdom and the unusual Argentine purchase. Major declines in exports were made to all EC countries (except the Netherlands), the Republic of Korea, and Uruguay.

Canada - Shipments were only 1.4 percent more during fiscal year 1969-70 than the 8.1 million tons of the previous year. This resulted in a significant movement of 970,000 tons during the month of June 1970 since the 11-month total was showing a 4.3 percent decrease. The primary result of this increase was the shipment of over one million tons to USSR during June 1970. In contrast, major declines were registered to Mainland China, India, Japan and the United Kingdom.

Australia - Exports totaled 6.8 million tons during July-June 1969-70, over one-third above the 4.9 million tons shipped the previous year. Mainland China, with an increase of 1.2 million tons accounted for almost one-fifth of the total. The United Kingdom and Japan, with combined shipments of 2.0 million tons accounted for 30 percent.

Argentina - A decrease of 798,000 tons resulted in a 30 percent reduction from the 2.7 million tons shipped during July-June 1968-69. Since Argentina had to import wheat to fulfill some commitments early in the year, most countries received less shipments than the previous year.

France - Shipments during July-June 1969-70 at nearly 5.3 million tons were 12,000 tons less than the same period a year earlier. However, only 272,000 tons were shipped during June 1970 as compared to 601,000 tons exported in June 1969. Thus, the 7 percent increase of July-May 1969-70 was reduced to a slight loss for the year. Major decreases occurred in exports to West Germany, the Netherlands, Bulgaria, and Algeria. Increased exports to Belgium-Luxembourg, the United Kingdom, Switzerland, Mainland China, and Tunisia somewhat offset the major decline.



Cumulative exports of wheat (excluding flour) by major exporters, by country of destination,  
July-June 1968-69 and July-June 1969-70

Destination	United States 1/		Canada		Australia		Argentina		France		Totals		+ or -
	1968-69	1969-70	1968-69	1969-70	1968-69	1969-70	1968-69	1969-70	1968-69	1969-70	1968-69	1969-70	
	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
	m. t.	m. t.	m. t.	m. t.	m. t.	m. t.	m. t.	m. t.	m. t.	m. t.	m. t.	m. t.	m. t.
North and Central America:													
Canada .....	2/	2/	--	--	--	--	--	--	--	--	2/	2/	0
Costa Rica .....	70	52	--	--	--	--	--	--	--	--	70	52	18
Cuba .....	--	--	58	119	--	--	--	--	--	--	58	119	61
Dominican Republic .....	78	88	--	--	--	--	--	--	--	--	78	88	10
El Salvador .....	67	65	--	--	--	--	--	4	--	--	67	69	2
Guatemala .....	55	71	--	--	--	--	--	--	--	--	55	71	16
Trinidad and Tobago .....	65	57	--	--	--	--	--	--	--	--	65	57	8
Others .....	114	139	48	95	--	--	--	4	--	--	162	238	76
Total .....	449	472	106	214	--	--	--	8	--	--	555	694	139
South America:													
Argentina .....	--	131	--	--	--	53	--	--	--	--	--	184	184
Brazil .....	782	906	--	--	--	--	1,193	954	--	--	1,975	1,860	115
Chile .....	93	12	--	--	105	87	114	133	--	--	312	232	80
Colombia .....	214	246	--	--	22	--	--	--	--	--	236	246	10
Peru .....	103	158	--	158	154	172	365	130	--	--	622	618	4
Uruguay .....	101	--	--	--	--	--	3/	--	--	--	101	--	101
Venezuela .....	657	684	72	51	--	--	--	--	--	--	729	735	6
Others .....	89	136	14	8	--	--	76	62	--	--	179	206	27
Total .....	2,039	2,273	86	217	281	312	1,748	1,279	--	--	4,154	4,081	73
Western Europe:													
EC:													
Belgium-Luxembourg .....	201	197	202	248	3	33	48	20	386	684	840	1,182	342
France .....	327	137	124	69	--	--	21	16	--	--	472	222	250
Germany, West .....	323	173	361	254	44	16	1	6	1,231	825	1,960	1,274	686
Italy .....	449	251	369	398	--	--	417	381	168	126	1,403	1,156	247
Netherlands .....	608	689	152	200	162	116	78	29	706	541	1,706	1,575	131
Total .....	1,908	1,447	1,208	1,169	209	165	565	452	2,491	2,176	6,381	5,409	972
Other Western Europe:													
Norway .....	17	61	16	78	87	24	13	--	64	26	197	189	8
Switzerland .....	149	193	146	104	3	10	10	--	75	161	383	468	85
United Kingdom .....	122	322	1,523	1,325	773	1,063	132	11	560	632	3,110	3,353	243
Others .....	32	186	87	82	42	67	13	45	179	88	353	468	115
Total .....	320	762	1,772	1,589	905	1,164	168	56	878	907	4,043	4,478	435
Eastern Europe:													
Albania .....	--	--	60	55	--	--	--	--	--	--	60	55	5
Bulgaria .....	--	--	--	52	--	--	--	--	186	--	186	52	134
Hungary .....	--	--	83	--	--	--	--	--	--	--	83	--	83
Poland .....	--	--	178	71	--	--	--	--	13	--	178	84	94
USSR .....	--	--	147	1,105	--	--	--	--	--	--	147	1,105	958
Total .....	--	--	468	1,283	--	--	--	--	186	13	654	1,296	642
Total Europe .....	2,228	2,209	3,448	4,041	1,114	1,329	733	508	3,555	3,096	11,078	11,183	105
Asia:													
China, Mainland .....	--	--	2,097	1,830	1,182	2,446	--	--	258	779	3,537	5,055	1,518
India .....	2,316	2,314	728	310	76	118	119	--	--	--	3,239	2,742	497
Israel .....	278	333	--	--	--	--	--	--	1	5	279	338	59
Japan .....	1,833	2,382	1,228	1,068	1,147	980	18	--	16	34	4,242	4,464	222
Korea, Republic of .....	1,310	974	--	37	10	--	--	--	--	--	1,320	1,011	309
Lebanon .....	38	62	--	--	86	85	--	8	13	3/	137	155	18
Malaysia .....	5	5	13	14	253	295	--	--	7	31	278	345	67
Pakistan .....	505	987	75	62	24	150	--	--	--	15	604	1,214	610
Philippines .....	500	453	--	--	18	28	--	--	51	88	569	569	0
Republic of China (Taiwan) ..	371	392	14	28	39	45	--	--	22	36	446	501	55
Singapore .....	14	20	4	9	107	197	--	--	10	34	135	260	125
Turkey .....	295	665	1	--	--	--	12	--	27	--	325	665	330
Others .....	152	202	112	116	396	492	--	--	60	23	720	833	113
Total .....	7,617	8,789	4,272	3,474	3,338	4,836	149	8	465	1,045	15,811	18,152	2,341
Africa:													
Algeria .....	262	227	49	42	--	--	24	40	214	--	549	309	240
Ghana .....	--	25	44	57	--	--	--	--	--	--	44	82	38
Morocco .....	69	188	--	23	--	--	--	--	--	--	69	211	142
Nigeria .....	145	238	3	1	--	--	--	--	--	--	148	239	91
Tunisia .....	205	237	19	48	--	--	--	--	51	107	275	392	117
United Arab Republic .....	--	--	--	41	--	--	--	--	685	736	685	777	92
Others .....	31	57	28	12	150	291	12	--	332	305	553	665	112
Total .....	712	972	143	224	150	291	36	40	1,282	1,148	2,323	2,675	352
Other countries .....	--	--	--	--	8	52	--	25	--	--	8	78	70
World total .....	13,045	14,715	8,055	8,170	4,891	6,820	2,666	1,868	5,302	5,290	33,959	36,863	2,904
Equivalent 1,000 bushels .....	479,322	540,684	295,971	300,196	179,713	250,592	97,959	68,637	194,815	194,374	1,247,779	1,354,483	106,704

1/ Data includes shipments for relief. 2/ Transshipments through Canada have been included in data for countries of ultimate destinations. 3/ Less than 500 metric tons.

Foreign Agricultural Service  
Grain and Feed Division, CAB/SSS  
August 1970

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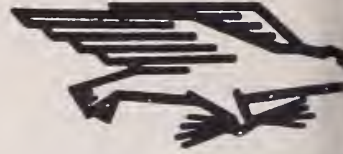
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GRAIN  
FG 16-70  
September 1970

## FEEDGRAIN SHIPMENTS BY MAJOR EXPORTERS

SEP 29 1970

1 1/2 PERCENT AHEAD OF A YEAR AGO

CURRENT SERIAL RECORDS

Total feedgrain exports by the major shippers (U.S., Argentina, South Africa, Canada, Australia, France, Thailand, Brazil, and Mexico) during FY 1970 gained 1 1/2 percent over a year earlier (36.3 million metric tons vs. 34.7 a year earlier) according to preliminary information. These countries normally account for about 85 percent of total world feedgrain exports.

Total corn, sorghum and barley exports increased (in 000 tons) 642, 285, and 815, respectively, while oats shipments declined by 174.

Corn - Total shipments by the major exporters increased 642,000 tons. U.S. exports, alone, gained almost 3 million tons. Shipments from Argentina and Thailand were up about 360,000 tons and 200,000 tons, respectively. Every other major shipper registered declines (in 000 tons) -- South Africa 1,129, Mexico 869, Brazil 569, and France 185. The increase in U.S. exports was due mainly to a lack of availability of exportable supplies in several competing countries and no interruption in shipments due to a dock strike as occurred last year.

Sorghum - Shipments by the four major exporters at 4.6 million tons were up 285,000 tons compared to the year ago total. The U.S., Argentina, and Thailand registered increases, while South Africa showed a decline.



Oats - Total shipments declined over 100,000 tons, with losses registered by all of the major exporters except Canada.

Importers - Shipments to Japan increased almost 1.3 million tons, with all feedgrains showing some gain, especially corn and sorghum. Exports to the EC, however, were off about 1.9 million tons, with losses registered in each of the feedgrains. The drop in corn was 1.2 million tons, while sorghum, barley and oats each declined about 200,000 to 260,000 tons. The decline in shipments to the EC were partially due to increased usage of feedwheat.

Country of origin	Country of destination											
	Belgium and Luxembourg	France	Italy	West Germany	Netherlands	Spain	Switzerland	United Kingdom	Poland	Japan	Others	Total
	1,000 m. t.	1,000 m. t.	1,000 m. t.	1,000 m. t.	1,000 m. t.	1,000 m. t.	1,000 m. t.	1,000 m. t.	1,000 m. t.	1,000 m. t.	1,000 m. t.	1,000 m. t.
<b>A. CORN</b>												
U.S. thru June												
1968-69	532	142	1,535	1,072	2,611	168	32	1,653	298	2,732	2,206 1/2	12,981
1969-70	691	60	1,106	1,239	2,220	816	57	1,838	143	4,492	3,179 1/4	15,841
Argentina thru June												
1968-69	139	5	2,004	99	226	757	2	86	--	170	480	3,968
1969-70 2/	99	3	1,733	94	258	634	--	160	--	407	940	4,328
South Africa thru June												
1968-69	--	9	--	55	--	156	--	530	--	1,148	150	2,048
1969-70 3/	--	--	60	--	--	100	--	189	--	190	380	919
Thailand thru June												
1968-69	--	--	--	--	--	--	--	--	--	466	808	1,274
1969-70	--	--	14	--	--	37	--	--	--	580	817	1,448
Mexico thru June												
1968-69	4/	--	--	--	--	--	710	--	--	192	119	1,021
1969-70 5/	--	--	--	--	--	--	38	--	--	--	114	152
Brazil thru June												
1968-69	6	--	573	11	--	401	--	--	--	13	190	1,194
1969-70 3/	--	--	283	--	--	139	--	--	--	--	203	625
France thru June												
1968-69	488	--	65	471	312	444	146	164	--	--	269	2,359
1969-70	527	--	17	476	272	298	--	301	--	--	283	2,174
Total												
1968-69	1,165	156	4,177	1,708	3,149	1,926	890	2,433	298	4,721	4,222	24,845
1969-70	1,317	63	3,213	1,809	2,750	2,024	95	2,488	143	5,669	5,916	25,487
<b>B. SORGHUM</b>												
U.S. thru June												
1968-69	68	3	2	18	115	1	3	--	32	1,714	739	2,695
1969-70	120	1	1	4/	32	4/	7	--	--	1,946	909	3,016
Argentina thru June												
1968-69	172	1	13	24	186	18	4/	74	--	752	99	1,339
1969-70 2/	63	39	9	6	123	61	--	37	--	983	183	1,504
South Africa thru June												
1968-69	--	--	--	4/	4/	4/	--	55	--	179	17	251
1969-70 3/	2	--	4/	4/	6	4/	--	4/	--	19	16	43
Thailand thru June												
1968-69	--	--	--	--	--	--	--	--	--	19	34	53
1969-70	--	--	--	--	--	--	--	--	--	27	33	60
Total												
1968-69	240	4	15	42	301	19	3	129	32	2,664	889	4,338
1969-70	185	40	10	6	161	61	7	37	--	2,975	1,141	4,623
<b>C. BARLEY</b>												
U.S. thru June												
1968-69	1	--	55	24	--	--	--	--	--	7	163	250
1969-70	6	--	--	15	31	--	--	5	--	6	234	297
Canada thru June												
1968-69	--	--	--	--	--	--	--	179	--	16	216	411
1969-70 3/	1	--	144	41	--	--	--	338	77	274	367	1,242
France thru June												
1968-69	573	--	319	933	229	1	401	7	192	493	318	3,466
1969-70	648	--	227	794	123	1	422	123	502	287	424	3,551
Argentina thru June												
1968-69	8	--	167	3	--	--	--	--	--	--	27	205
1969-70 2/	2	--	21	2	--	--	--	--	--	--	13	38
Australia thru June												
1968-69	--	--	58	3	20	--	--	142	--	139	89	451
1969-70 3/	--	--	64	16	--	--	--	175	--	104	111	470
Total												
1968-69	582	--	599	963	249	1	401	328	192	655	813	4,783
1969-70	657	--	456	868	154	1	422	641	579	671	1,149	5,598
<b>D. OATS</b>												
U.S. thru June												
1968-69	6	--	--	--	34	--	7	--	--	--	8	55
1969-70	1	--	--	--	--	--	1	--	--	2	18	22
Canada thru June												
1968-69	--	--	--	--	--	--	--	3	--	--	41	44
1969-70 3/	11	--	--	29	2	--	--	5	--	--	30	77
Australia thru June												
1968-69	--	--	39	87	83	--	--	39	--	62	23	333
1969-70 3/	--	--	25	39	41	--	--	4/	--	63	57	225
Argentina thru June												
1968-69	9	--	142	2	30	--	--	--	--	--	18	201
1969-70 2/	3	--	13	9	34	3	1	--	--	--	81	144
France thru June												
1968-69	48	--	5	48	23	--	20	--	--	--	3	147
1969-70	58	--	3	49	16	4/	8	--	--	--	4	138
Total												
1968-69	63	--	186	137	170	--	27	42	--	62	93	780
1969-70	73	--	41	126	93	3	10	5	--	65	190	606
<b>E. ALL FEEDGRAINS (Summary Tables)</b>												
<b>A thru D</b>												
<b>Corn</b>												
1968-69	1,165	156	4,177	1,708	3,149	1,926	890	2,433	298	4,721	4,222	24,845
1969-70	1,317	63	3,213	1,809	2,750	2,024	95	2,488	143	5,669	5,916	25,487
<b>Sorghum</b>												
1968-69	240	4	15	42	301	19	3	129	32	2,664	889	4,338
1969-70	185	40	10	6	161	61	7	37	--	2,975	1,141	4,623
<b>Barley</b>												
1968-69	582	--	599	963	249	1	401	328	192	655	813	4,783
1969-70	657	--	456	868	154	1	422	641	579	671	1,149	5,598
<b>Oats</b>												
1968-69	63	--	186	137	170	--	27	42	--	62	93	780
1969-70	73	--	41	126	93	3	10	5	--	65	190	606
<b>Total Feedgrains</b>												
1968-69	2,050	160	4,977	2,850	3,869	1,946	1,321	2,932	522	8,102	6,017	34,746
1969-70	2,232	103	3,720	2,809	3,158	2,089	534	3,171	722	9,380	8,396	36,341

1/ Includes exports to Canada of 803 for July-June 1968-69 and 634 for July-June 1969-70 after making adjustments for transshipments through Canadian ports to other destinations. 2/ Country breakdown for July-May. 3/ Partly estimated. 4/ Less than 500 metric tons.

Foreign Agricultural Service  
Grain and Feed Division, CAB/SSS  
August 1970

Source: Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attaches and Foreign Service Officers, results of office research and related information.

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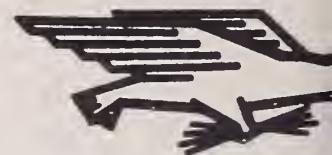
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GRAIN  
FG 17-70  
September 1970

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## WORLD CORN PRODUCTION

CURRENT SERIAL RECORDS

### SETS RECORD IN 1969

The world corn harvest in 1969 totaled 248 million metric tons, 8 percent above the 1968 crop and 3 percent over the previous record of 1967, according to information available to the Foreign Agricultural Service. World corn area was 104 million hectares up 2 percent for the year and just over the 1967 high.

Larger corn harvests occurred in all areas of the world. The United States produced 116.2 million tons, 4 percent more than in 1968 but still 4 percent below the 1967 record. Area was down 2 percent but yield was 7 percent over the record set in 1967. Although the crop ripened late, near ideal fall weather provided generally good conditions for harvesting. The Mexican crop, by contrast, suffered from serious drought and is estimated at 6.5 million tons, down 24 percent.

Argentina produced their largest corn crop in recent years, at 9.4 million tons, which compares with 6.9 million tons a year ago and 8.5 million tons in 1966. Argentine area continued the uptrend started in 1957. This, along with good weather, made the large crop. The Brazilian corn crop is estimated at a record 14 million tons, up about one-fourth for the year, and 12 percent over the 1967 previous record. Expanded area and excellent weather contributed to the large outturn.

West European corn production at 13.8 million tons gained 11 percent, France and Italy providing the principal increases. The East European crop was up 16 percent, at 23.1 million tons, with improvement in all countries. The Soviet Union harvested an estimated 9.9 million tons, up sharply from a poor 1968 season.

The African corn crop is placed at 19.3 million tons, up 17 percent. South Africa produced 7.0 million tons, a second of record crop resulting from above average weather conditions.

Corn production in Asia in 1969 is estimated at 28.5 million tons, up 3 percent. India, Indonesia and Thailand made substantial improvement. The Australian crop at 231,000 tons reached a new high.

CORN: AREA, YIELD, AND PRODUCTION IN SPECIFIED COUNTRIES, AVERAGE 1963-67, ANNUAL 1968 AND 1969 <sup>1</sup>/<sub>2</sub>

REGION AND COUNTRY	AVE. 1963-67		AREA <sup>2</sup> / <sub>1968</sub>		1969 <sup>3</sup> / <sub>HA</sub>		AVE. 1963-67		YIELD 1968		1969 <sup>3</sup> / <sub>QU/HA</sub>		AVE. 1963-67		PRODUCTION 1968		1969 <sup>3</sup> / <sub>MT</sub>	
	1,000 HA	HA	1,000 HA	HA	1,000 HA	HA	QU/HA	QU/HA	QU/HA	QU/HA	QU/HA	QU/HA	1,000 MT	MT	1,000 MT	MT	1,000 MT	MT
NORTH AMERICA:																		
CANADA.....	295		388		396		49.8		53.1		47.1		1,469		2,062		1,864	
COSTA RICA.....	61		64		67		10.7		11.4		10.1		65		73		68	
EL SALVADOR.....	187		199		200		11.5		12.6		13.5		215		250		270	
GUATEMALA.....	721		778		839		9.2		9.5		8.8		666		736		736	
HONDURAS.....	416		412		412		8.4		9.7		9.2		351		399		380	
MEXICO.....	7,297		7,600		7,250		10.7		11.2		9.0		7,798		8,500		6,500	
NICARAGUA.....	184		242		209		9.0		8.9		8.7		165		216		182	
PANAMA.....	104		100		100		8.0		8.4		8.5		83		84		85	
UNITED STATES.....	23,263		22,614		22,085		44.7		49.3		52.7		103,968		111,595		116,282	
TOTAL <sup>1</sup> / <sub>4</sub> .....	32,688		32,555		31,716		35.2		38.1		39.9		114,907		124,030		126,492	
SOUTH AMERICA:																		
ARGENTINA.....	3,227		3,575		4,126		20.2		19.2		22.9		6,520		6,860		9,440	
BRAZIL.....	8,884		9,121		10,100		13.2		11.8		13.9		11,706		10,808		14,000	
CHILE.....	81		58		74		33.5		26.6		32.4		271		154		240	
COLOMBIA.....	793		740		792		10.9		11.9		10.1		864		880		800	
ECUADOR.....	208		210		215		7.9		8.6		9.8		164		180		210	
PERU.....	362		360		380		16.1		16.7		16.8		583		600		640	
URUGUAY.....	192		176		183		5.4		7.3		7.6		104		129		139	
VENEZUELA.....	471		657		639		11.4		11.2		10.8		539		736		692	
TOTAL <sup>1</sup> / <sub>4</sub> .....	14,603		15,277		16,919		14.5		13.6		15.7		21,205		20,772		26,641	
WESTERN EUROPE																		
AUSTRIA.....	53		74		117		44.7		53.9		59.7		237		399		698	
FRANCE.....	938		1,022		1,178		38.0		52.6		47.9		3,568		5,379		5,639	
GERMANY WEST.....	26		63		81		40.8		45.6		49.4		106		287		400	
GREECE.....	154		137		147		20.5		27.4		29.3		316		375		430	
ITALY.....	1,045		967		1,023		34.4		41.3		44.5		3,595		3,991		4,550	
PORTUGAL.....	475		438		429		11.5		12.5		12.8		544		548		547	
SPAIN.....	489		523		525		24.0		27.5		30.0		1,173		1,440		1,576	
TOTAL.....	3,180		3,224		3,500		30.0		38.5		39.5		9,539		12,419		13,840	



## EASTERN EUROPE

BULGARIA.....	603	557	584	30.5	31.7	40.6	1,841	1,768	2,370
CZECHOSLOVAKIA.....	172	138	127	27.1	32.8	37.8	467	453	480
HUNGARY.....	1,236	1,258	1,268	29.2	29.9	37.9	3,611	3,764	4,802
ROMANIA.....	3,303	3,344	3,340	20.3	21.2	23.0	6,694	7,105	7,680
YUGOSLAVIA.....	2,480	2,460	2,397	27.3	27.7	32.6	6,778	6,810	7,816
TOTAL.....	7,793	7,757	7,716	24.9	25.7	30.0	19,390	19,900	23,148

TOTAL EUROPE:..... 10,974 10,981 11,216 26.4 29.4 33.0 28,929 32,319 36,988

TOTAL U.S.S.R. 5/..... 4,520 3,350 4,200 17.7 22.1 23.6 8,013 7,400 9,900

## AFRICA:

KENYA.....	1,157	1,214	1,214	12.1	12.7	11.5	1,405	1,542	1,400
MOROCCO.....	454	452	465	6.6	5.3	7.2	298	240	333
REP SOUTH AFRICA.....	5,366	5,200	5,400	10.8	9.5	12.9	5,780	4,953	6,978
UAR-EGYPT.....	648	633	--	32.4	36.3	--	2,097	2,297	--
TOTAL 4/.....	14,831	15,171	15,584	11.7	11.0	12.4	17,340	16,619	19,290

## ASIA:

CHINA, REP OF (TAIWAN).....	21	22	20	22.3	23.6	22.5	47	52	45
INDIA.....	4,924	5,716	6,000	10.2	10.0	10.0	5,028	5,701	6,000
INDONESIA.....	3,028	3,212	3,150	9.5	9.3	10.7	2,882	2,993	3,370
JAPAN.....	30	18	15	25.8	28.3	26.7	77	51	40
PAKISTAN.....	542	620	645	11.0	10.1	10.9	598	629	700
PHILIPPINES.....	2,067	2,256	2,194	6.9	7.7	8.1	1,419	1,733	1,787
THAILAND.....	560	704	720	18.6	21.3	23.6	1,043	1,500	1,700
TURKEY (EUROPE-ASIA).....	666	655	659	13.6	15.3	15.2	905	1,000	1,000
TOTAL 4/.....	22,770	24,314	24,520	11.2	11.4	11.6	25,524	27,623	28,508

## OCEANIA:

AUSTRALIA.....	83	71	91	20.3	24.7	25.4	169	175	231
NEW ZEALAND.....	4	7	8	58.5	65.7	57.5	23	46	46
TOTAL.....	87	79	100	22.1	28.0	27.7	192	221	277
TOTAL WORLD 4/.....	100,474	101,727	104,254	21.5	22.5	23.8	216,110	228,984	248,096

1/ Years shown refer to years of investment in the Northern Hemisphere. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus, the crop harvested in the Northern Hemisphere in 1969 is combined with estimates for the Southern Hemisphere harvest which begins late in 1969 and ends early in 1970. 2/ Harvested area as far as possible. 3/ Preliminary. 4/ Estimated totals include allowances for producing countries not shown. 5/ Production estimated.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U. S. Agricultural Attaches and Foreign Service Officers, results of office research and related information.



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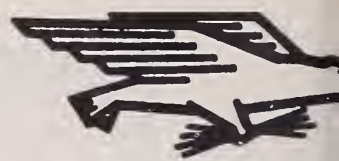
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## EXPORTS OF PREPARED

## AND OTHER FEEDS GAIN

U.S. exports of prepared and other feeds gained 3 percent in 1969-70, to a total of 1.4 million short tons, valued at \$88 million.

Prepared feed exports during 1969-70 totaled 249,000 tons, up 26 percent. A tripling of dairy feed exports to the Netherlands, to 63,000 tons, was the principal change.

Exports of byproduct feeds, at 697,000 tons, declined 3 percent. Corn products made up 671,000 tons of the total. The Netherlands took 470,000 tons of corn byproducts, off 12 percent, and West Germany 132,000, up 47 percent, while Mexico's receipts tripled at 38,000.

The United States exported about equal quantities of dehydrated and sun-cured alfalfa meal in 1969-70 -- to a total of 451,000 tons, up 4 percent. Japan dominated the market at 407,000 tons, up 7 percent. Shipments to Singapore at 11,000 tons nearly doubled while Venezuela took 9,000, up 10 percent, and the Netherlands 7,000, off about two-thirds.

FEEDS, PREPARED AND OTHER: U.S. Exports by Classification,  
1968-69 and 1969-70

Commodity	1968-69	1969-70
	Short tons	Short tons
Prepared Feeds:		
Poultry .....	130,374	130,434
Dairy .....	42,229	102,014
Other livestock .....	25,219	16,839
Total .....	197,822	249,287
Byproduct Feeds:		
Wheat byproducts .....	37,992	17,550
Corn byproducts .....	675,822	670,731
Rice bran and polishings .....	3,766	5,096
Other grain byproducts .....	4,111	3,391
Total .....	721,691	696,768
Alfalfa Meal:		
Dehydrated .....	239,231	236,666
Sun-Cured .....	193,353	214,382
Total .....	432,584	451,048
Grand total .....	1,352,097	1,397,103

FEEDS, PREPARED AND OTHER: Total Exports by Area,  
1968-69 and 1969-70

Area	1968-69	1969-70
	Short tons	Short tons
North and Central America and Caribbean .....	149,158	177,555
South America .....	20,626	21,998
Europe .....	716,064	724,163
Asia .....	461,542	469,226
Africa .....	877	606
Oceania .....	3,830	3,555
Total .....	1,352,097	1,397,103



## PREPARED FEEDS: U.S. exports by destination, 1968-69 and 1969-70

Destination	Poultry 1/		Dairy 2/		Other Livestock 3/		Total	
	1968-69	1969-70	1968-69	1969-70	1968-69	1969-70	1968-69	1969-70
	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons
North and Central America and Caribbean:								
Canada .....	93	865	1,921	1,501	3,344	4,213	5,358	6,579
Mexico .....	4,734	4,613	6,972	16,263	934	1,220	12,640	22,096
British Honduras .....	1,024	1,256	77	64	142	483	1,243	1,803
Costa Rica .....	45	130	175	445	42	25	262	600
El Salvador .....	103	73	291	195	42	32	436	300
Guatemala .....	586	359	75	12	43	20	704	391
Honduras .....	1,116	1,244	30	75	21	13	1,167	1,332
Nicaragua .....	98	102	43	64	228	140	369	306
Panama .....	198	304	46	95	127	101	371	500
Bahamas .....	11,485	12,762	1,698	5,672	1,945	2,347	15,128	20,781
Barbados .....	2,466	2,079	246	386	832	281	3,544	2,746
Bermuda .....	3,796	3,233	3,474	3,298	197	837	7,467	7,368
Dominican Republic .....	11,122	13,477	261	292	161	49	11,544	13,818
French West Indies .....	30	35	--	4	59	--	89	39
Haiti .....	375	441	20	--	59	4	454	445
Jamaica .....	28,339	26,279	2,347	401	10,342	1,827	41,028	28,507
Leeward and Windward Islands .....	162	144	7	--	658	238	827	382
Netherlands Antilles .....	3,667	2,811	127	60	164	107	3,958	2,978
Trinidad and Tobago .....	10,752	7,948	151	125	908	245	11,811	8,318
Total .....	80,191	78,155	17,961	28,952	20,248	12,182	118,400	119,289
South America:								
Argentina .....	--	1	--	--	9	54	9	55
Bolivia .....	1,825	2,003	--	1	10	--	1,835	2,004
Brazil .....	14	30	--	5	67	59	81	94
Chile .....	325	12	--	--	13	17	338	29
Colombia .....	19	--	6	1	9	22	34	23
Ecuador .....	26	124	--	30	31	19	57	173
French Guiana .....	12	--	--	--	2	--	14	--
Guyana .....	6,342	5,949	101	112	167	227	6,610	6,288
Paraguay .....	4	--	6	2	--	--	10	2
Peru .....	28	22	10	22	50	27	88	71
Surinam .....	1,835	3,796	7	30	60	15	1,902	3,841
Uruguay .....	--	--	--	--	12	8	12	8
Venezuela .....	437	349	184	96	127	64	748	509
Total .....	10,867	12,286	314	299	557	512	11,738	13,097
Europe:								
EC:								
Belgium and Luxembourg .....	32	27	--	3,739	346	450	378	4,216
France .....	2	4	--	--	2	53	4	57
Germany, West .....	16	5	6	--	175	403	197	408
Italy .....	456	970	130	--	14	89	600	1,059
Netherlands .....	20	8	19,798	63,447	22	6	19,840	63,461
Total .....	526	1,014	19,934	67,186	559	1,001	21,019	69,201
Other Western Europe:								
Austria .....	90	108	--	--	30	54	120	162
Cyprus .....	--	104	17	4	13	18	30	126
Denmark .....	--	--	--	--	19	24	19	24
Finland .....	12	--	--	--	19	1	31	1
Greece .....	3,335	5,756	2	--	69	50	3,406	5,806
Iceland .....	65	--	50	--	35	--	150	--
Ireland .....	8	28	--	--	28	9	36	37
Malta .....	1	--	--	--	--	--	1	--
Norway .....	--	--	--	--	11	11	11	11
Portugal .....	--	--	39	20	68	52	107	72
Spain .....	346	70	15	44	9	--	370	114
Sweden .....	90	79	--	8	21	27	111	114
Switzerland .....	31	8	457	5,012	155	65	643	5,085
United Kingdom .....	--	--	--	--	37	125	37	125
Total .....	3,978	6,153	580	5,088	514	436	5,072	11,677

## PREPARED FEEDS: U.S. exports by destination, 1968-69 and 1969-70 (Continued)

Destination	Poultry 1/		Dairy 2/		Other Livestock 3/		Total	
	1968-69	1969-70	1968-69	1969-70	1968-69	1969-70	1968-69	1969-70
	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons
Europe (Continued):								
Eastern Europe:								
Hungary .....	--	199	--	--	--	--	--	199
Romania .....	--	33	--	--	--	--	--	33
Yugoslavia .....	78	177	--	45	17	97	95	319
Total .....	78	409	--	45	17	97	95	551
Total Europe .....	4,582	7,576	20,514	72,319	1,090	1,534	26,186	81,429
Asia:								
Arabian Peninsula States, n.e.c. ....	--	13	--	--	--	--	--	13
Bahrein .....	216	127	--	--	--	--	216	127
Burma .....	--	--	--	--	--	2	--	2
Ceylon .....	12	11	--	--	12	--	24	11
Hong Kong .....	20,620	23,627	913	53	568	319	22,101	23,999
Iran .....	811	323	--	--	74	81	885	404
Iraq .....	31	--	--	--	--	--	31	--
Israel .....	7	--	4	--	31	55	42	55
Japan .....	29	1,344	1,960	17	1,099	566	3,088	1,927
Jordan .....	43	41	--	--	--	--	43	41
Korea, Republic of .....	96	3	33	44	47	12	176	59
Kuwait .....	651	637	80	63	111	509	842	1,209
Lebanon .....	5,147	797	--	--	68	31	5,215	828
Malaysia .....	126	78	--	--	123	83	249	161
Nansei and Nanpo Islands .....	18	3	8	--	12	8	38	11
Pakistan .....	--	1	79	--	--	--	79	1
Philippines .....	123	112	14	--	171	154	308	266
Republic of China (Taiwan) .....	--	3	--	--	55	--	55	3
Saudi Arabia .....	824	714	--	--	1	2	825	716
Singapore .....	16	248	140	61	452	310	608	619
Southern Yemen .....	42	26	--	--	--	--	42	26
Thailand .....	4	153	52	9	76	43	132	205
Vietnam, South .....	1,881	566	--	--	190	247	2,071	813
Total .....	30,697	28,827	3,283	247	3,090	2,422	37,070	31,496
Africa:								
Angola .....	--	--	35	9	7	4	42	13
Cameroon .....	1	--	--	--	--	--	1	--
Canary Islands .....	--	--	--	5	--	--	--	5
Congo (Kinshasa) .....	--	5	--	--	1	4	1	9
Ethiopia .....	3	1	--	--	3	4	6	5
Ghana .....	5	3	--	--	25	5	30	8
Kenya .....	--	--	--	--	1	1	1	1
Liberia .....	216	164	25	29	26	20	267	213
Libya .....	14	--	10	55	--	--	24	55
Malawi .....	--	10	--	--	--	20	--	30
Mauritania .....	--	74	--	--	--	--	--	74
Mozambique .....	--	--	48	46	9	17	57	63
Nigeria .....	--	--	--	--	18	16	18	16
Senegal .....	124	--	--	--	--	--	124	--
South Africa, Republic of .....	--	--	37	2	82	44	119	46
Sudan .....	15	--	--	--	--	--	15	--
Tanzania .....	--	--	2	16	--	--	2	16
Togo .....	26	30	--	--	--	--	26	30
Total .....	404	287	157	162	172	135	733	584
Oceania:								
Australia .....	9	2	--	35	7	19	16	56
French Pacific Islands .....	3,332	2,999	--	--	27	9	3,359	3,008
New Zealand .....	--	62	--	--	2	4	2	66
Trust Territory of Pacific Islands .....	292	240	--	--	26	22	318	262
Total .....	3,633	3,303	--	35	62	54	3,695	3,392
World total .....	130,374	130,434	42,229	102,014	25,219	16,839	197,822	249,287

1/ Includes mash, laying mash and turkey pellets. 2/ Includes calf meal, Con-D-Mineral, mixed cattle feed, prepared or mixed cow feed and Hon-E-Mix. 3/ Includes Arcadian Urea Feed Mixture, sweetened clover, prepared or mixed hog feed, sweetened forage, Hi-Nutra, hog finisher (prepared feed for hogs), mixed horse feed, mixed mule feed, prepared or mixed pig feed, and Terralac.



## BYPRODUCT FEEDS: U.S. exports by destination, 1968-69 and 1969-70

Destination	Wheat byproducts 1/		Corn byproducts 2/		Rice bran and polishings		Other grain byproducts 3/		Total	
	1968-69	1969-70	1968-69	1969-70	1968-69	1969-70	1968-69	1969-70	1968-69	1969-70
	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons
North and Central America and Caribbean:										
Canada .....	1,687	1,732	13,227	37,624	424	81	50	199	15,388	39,636
Mexico .....	24	112	2,683	1,615	--	--	6	--	2,713	1,727
British Honduras .....	7	--	--	--	--	--	--	--	7	--
Costa Rica .....	--	--	28	--	--	--	--	--	28	--
El Salvador .....	--	--	--	--	--	--	6	--	6	--
Guatemala .....	--	90	--	--	--	--	--	--	--	90
Panama .....	--	--	--	18	--	--	--	--	--	18
Bahamas .....	45	3	633	1,742	--	--	--	21	678	1,766
Barbados .....	--	--	120	539	--	--	--	--	120	539
Bermuda .....	11	15	56	18	9	--	--	30	76	63
French West Indies .....	--	--	20	110	--	--	--	--	20	110
Haiti .....	--	22	6	5	--	--	--	--	6	27
Jamaica .....	380	278	584	454	240	200	--	--	1,204	932
Leeward and Windward Islands .....	--	--	2	--	--	--	--	--	2	--
Netherlands Antilles .....	22	--	23	180	--	--	--	--	45	180
Trinidad and Tobago .....	--	--	--	53	--	--	--	--	--	53
Total .....	2,176	2,252	17,382	42,358	673	281	62	250	20,293	45,141
South America:										
Argentina .....	--	--	--	--	--	--	--	22	--	22
Brazil .....	--	--	357	81	--	--	--	--	357	81
Colombia .....	--	--	76	--	--	--	--	--	76	--
French Guiana .....	187	--	--	--	--	--	--	--	187	--
Peru .....	--	--	4	--	--	--	--	--	4	--
Venezuela .....	--	--	20	12	--	--	--	--	20	12
Total .....	187	--	457	93	--	--	--	22	644	115
Europe:										
EC:										
Belgium and Luxembourg .....	--	--	1,858	7,283	171	1,630	--	--	2,029	8,913
France .....	--	--	59	303	--	--	--	--	59	303
Italy .....	--	--	944	2,521	--	--	--	--	944	2,521
Germany, West .....	--	--	89,692	131,555	--	--	3,965	2,553	93,657	134,108
Netherlands .....	--	--	534,010	470,306	2,882	3,062	--	192	536,892	473,560
Total .....	--	--	626,563	611,968	3,053	4,692	3,965	2,745	633,581	619,405
Other Western Europe:										
Denmark .....	--	--	--	--	--	--	44	--	44	--
Ireland .....	--	--	--	36	--	--	--	--	--	36
Norway .....	21	--	16	--	--	--	--	--	37	--
Spain .....	--	--	--	346	--	--	--	--	--	346
Sweden .....	--	--	--	--	--	--	18	--	18	--
Switzerland .....	--	--	1,177	87	--	112	--	210	1,177	409
United Kingdom .....	--	--	30,000	15,178	--	--	22	--	30,022	15,178
Total .....	21	--	31,193	15,647	--	112	84	210	31,298	15,969
Total Europe .....	21	--	657,756	627,615	3,053	4,804	4,049	2,955	664,879	635,374
Asia:										
Bahrain .....	--	--	11	--	--	--	--	--	11	--
Hong Kong .....	14	38	--	34	--	--	--	--	14	72
India .....	--	--	66	--	--	--	--	--	66	--
Japan .....	35,496	15,260	--	38	40	--	--	--	35,536	15,298
Korea, Republic of .....	--	--	83	--	--	--	--	--	83	--
Kuwait .....	--	--	--	500	--	--	--	--	--	500
Lebanon .....	--	--	--	20	--	--	--	--	--	20
Philippines .....	--	--	--	--	--	--	--	52	--	52
Thailand .....	--	--	--	--	--	11	--	--	--	11
Total .....	35,510	15,298	160	592	40	11	--	52	35,710	15,953
Africa:										
Liberia .....	98	--	19	--	--	--	--	--	117	--
Libya .....	--	--	14	--	--	--	--	--	14	--
Morocco .....	--	--	--	22	--	--	--	--	--	22
Sierra Leone .....	--	--	13	--	--	--	--	--	13	--
Total .....	98	--	46	22	--	--	--	--	144	22
Oceania:										
Australia .....	--	--	--	36	--	--	--	--	--	36
French Pacific Islands .....	--	--	21	15	--	--	--	--	21	15
New Zealand .....	--	--	--	--	--	--	--	112	--	112
Total .....	--	--	21	51	--	--	--	112	21	163
World total .....	37,992	17,550	675,822	670,731	3,766	5,096	4,111	3,391	721,691	696,768

1/ Includes bran, cracked wheat feed, crushed wheat feed, mixed wheat feed, flakes, middlings, red dog, scalpings, screenings and shorts. 2/ Includes bran, cracked corn for animal feed, corn gluten feed, corn grits for animal feed and corn gluten meal. 3/ Includes blowings and clippings, rice middlings, rye middlings, rye screenings and grain screenings.



## ALFALFA MEAL: U.S. exports by destination, 1968-69 and 1969-70

Destination	Alfalfa meal, dehydrated		Alfalfa meal, sun-cured		Total	
	1968-69	1969-70	1968-69	1969-70	1968-69	1969-70
	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons
North and Central America and Caribbean:						
Canada .....	315	395	1,012	1,245	1,327	1,640
Mexico .....	1,503	2,093	20	193	1,523	2,286
Costa Rica .....	1,005	1,024	--	--	1,005	1,024
El Salvador .....	2,331	2,838	--	--	2,331	2,838
Guatemala .....	1,603	2,301	--	--	1,603	2,301
Honduras .....	411	598	6	--	417	598
Panama .....	1,179	983	--	--	1,179	983
Bahamas .....	--	2	--	118	--	120
Barbados .....	50	50	--	--	50	50
Dominican Republic .....	222	290	--	--	222	290
Jamaica .....	499	940	--	--	499	940
Leeward and Windward Islands .....	4	--	--	--	4	--
Netherlands Antilles .....	9	10	--	--	9	10
Trinidad and Tobago .....	296	45	--	--	296	45
Total .....	9,427	11,569	1,038	1,556	10,465	13,125
South America:						
Colombia .....	235	--	--	--	235	--
Guyana .....	9	--	--	--	9	--
Surinam .....	14	22	--	--	14	22
Venezuela .....	7,937	8,714	49	50	7,986	8,764
Total .....	8,195	8,736	49	50	8,244	8,786
Europe:						
EC:						
Netherlands .....	17,515	7,360	1,884	--	19,399	7,360
Total .....	17,515	7,360	1,884	--	19,399	7,360
Other Western Europe:						
United Kingdom .....	5,600	--	--	--	5,600	--
Total .....	5,600	--	--	--	5,600	--
Total Europe .....	23,115	7,360	1,884	--	24,999	7,360
Asia:						
Hong Kong .....	1,104	1,222	--	--	1,104	1,222
Japan .....	191,469	196,057	189,703	211,040	381,172	407,097
Korea, Republic of .....	--	--	20	--	20	--
Lebanon .....	75	50	--	--	75	50
Philippines .....	--	--	659	505	659	505
Republic of China (Taiwan) .....	--	1,100	--	1,212	--	2,312
Singapore .....	5,523	10,528	--	--	5,523	10,528
Thailand .....	--	--	--	19	--	19
Vietnam, South .....	209	44	--	--	209	44
Total .....	198,380	209,001	190,382	212,776	388,762	421,777
Oceania:						
Australia .....	114	--	--	--	114	--
Total .....	114	--	--	--	114	--
World total .....	239,231	236,666	193,353	214,382	432,584	451,048



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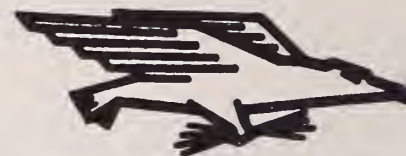
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## WORLD BARLEY AND OATS

### HARVEST DOWN MODERATELY

World production of barley and oats in 1970 totaled 163 million metric tons, 3 percent below last year, according to estimates of the Foreign Agricultural Service.

#### BARLEY

World barley production is estimated at 114.3 million tons, 2 percent below 1969.

The Canadian barley crop, reported at 9.2 million tons, is up 12 percent on increased area. The U.S. crop was little changed at 8.9 million tons.

The West European barley harvest is placed at 36.2 million tons, down 7 percent. Yields were down generally in the region, mainly because of unfavorable spring weather. The United Kingdom, France, and Spain had substantial crop declines.

The East European outturn totaled 9.0 million tons, down 3 percent. The Soviet Union crop is estimated at 25.9 million tons, 3 percent lower.

Morocco had a good barley crop placed at 1.6 million tons. Barley production in Asia was slightly higher at 18.6 million tons.

(Continued)

BARLEY: AREA, YIELD, AND PRODUCTION IN SPECIFIED COUNTRIES, AVERAGE 1964-68, ANNUAL 1969 AND 1970 <sup>1/</sup>

REGION AND COUNTRY	AVE.1964-68		AREA 2/ 1969	1970 3/	AVE.1964-68		YIELD 1969	1970 3/	AVE.1964-68		PRODUCTION 1969	1970 3/
	1,000 HA	1,000 HA	1,000 HA		QU/HA	QU/HA	QU/HA		1,000 MT	1,000 MT	1,000 MT	
<b>NORTH AMERICA:</b>												
CANADA.....	2,906	3,859	4,064		18.8	21.3	22.7		5,472	8,238	9,232	
MEXICO.....	218	220	315		8.7	7.7	6.0		189	170	190	
UNITED STATES.....	3,927	3,799	3,985		21.8	23.9	22.4		8,567	9,082	8,932	
TOTAL.....	7,050	7,878	8,364		20.2	22.2	21.9		14,228	17,490	18,354	
<b>SOUTH AMERICA:</b>												
ARGENTINA.....	477	525	---		11.8	10.9	---		562	570	---	
CHILE.....	62	47	---		20.4	18.1	---		127	85	---	
COLOMBIA.....	57	57	40		16.8	14.0	12.5		96	80	50	
ECUADOR.....	106	110	105		9.3	9.1	10.5		99	100	110	
PERU.....	178	185	185		9.9	9.5	9.7		176	175	180	
URUGUAY.....	37	39	---		8.5	10.5	---		31	41	---	
TOTAL 4/.....	916	963	942		11.9	10.9	11.0		1,091	1,051	1,035	
<b>WESTERN EUROPE</b>												
AUSTRIA.....	229	274	290		29.5	34.1	30.9		675	935	896	
BELGIUM.....	149	155	167		36.5	35.9	33.6		544	557	561	
DENMARK.....	1,106	1,305	1,352		39.1	40.3	37.0		4,323	5,255	5,000	
FINLAND.....	306	402	400		19.1	20.9	21.0		585	842	840	
FRANCE.....	2,597	2,847	2,765		31.1	32.8	30.3		8,072	9,347	8,390	
GERMANY WEST.....	1,254	1,386	1,453		33.3	37.0	34.4		4,171	5,130	5,000	
GREECE.....	296	311	343		17.9	17.0	21.3		530	529	732	
IRELAND.....	185	197	224		32.6	36.5	35.7		603	720	800	
ITALY.....	184	175	180		14.6	16.7	16.7		268	292	300	
LUXEMBOURG.....	12	18	16		29.8	36.1	30.6		36	65	49	
NETHERLANDS.....	104	99	94		36.9	39.3	38.4		384	389	361	
NORWAY.....	183	188	190		27.1	26.9	26.9		495	506	511	
PORTUGAL.....	114	119	134		5.9	4.5	4.0		67	54	53	
SPAIN.....	1,536	2,164	2,157		15.8	17.8	14.4		2,422	3,855	3,100	
SWEDEN.....	511	570	587		29.6	26.7	28.4		1,512	1,523	1,670	
SWITZERLAND.....	31	37	41		34.5	35.4	34.1		107	131	140	
UNITED KINGDOM.....	2,311	2,413	2,250		36.7	36.0	34.8		8,471	8,698	7,819	
TOTAL.....	11,107	12,660	12,643		29.9	30.7	28.6		33,263	38,828	36,222	
<b>EASTERN EUROPE</b>												
BULGARIA.....	387	414	360		23.2	22.2	23.0		899	918	828	
CZECHOSLOVAKIA.....	694	780	800		24.5	31.9	30.0		1,697	2,488	2,400	
GERMANY EAST.....	526	642	640		33.2	32.2	32.0		1,744	2,067	2,048	
HUNGARY.....	469	381	325		19.5	23.8	22.5		916	907	731	
POLAND-DANZIG.....	681	759	800		20.7	25.0	22.0		1,409	1,900	2,000	
ROMANIA.....	245	307	300		19.9	17.7	19.2		487	542	576	
YUGOSLAVIA.....	365	299	295		16.4	15.4	15.3		597	459	450	
TOTAL.....	3,366	3,582	3,520		23.0	25.9	25.7		7,749	9,281	9,033	
TOTAL EUROPE.....	14,473	16,242	16,163		28.3	29.6	28.0		41,012	48,109	45,255	
TOTAL U.S.S.R. 5/.....	19,900	22,500	21,500		11.3	11.9	12.0		22,420	26,800	25,900	
<b>AFRICA:</b>												
ALGERIA.....	535	607	688		6.2	7.7	5.1		333	465	350	
ETHIOPIA.....	794	---	---		8.4	---	---		665	---	---	
MOROCCO.....	1,768	1,669	1,700		7.0	7.8	9.4		1,237	1,309	1,602	
SOUTH AFRICA, REP OF.....	40	50	40		8.8	3.4	3.8		35	17	15	
TUNISIA.....	460	345	410		2.6	2.3	4.6		118	80	190	
UAR-EGYPT.....	48	45	---		24.1	22.2	---		116	100	---	
TOTAL 4/.....	3,846	3,707	3,874		7.0	7.6	8.0		2,678	2,821	3,107	
<b>ASIA:</b>												
AFGHANISTAN.....	280	---	---		10.8	---	---		302	---	---	
CYPRUS.....	77	83	55		10.1	12.7	6.4		78	105	35	
INDIA.....	2,858	2,758	3,000		9.0	8.8	10.0		2,558	2,424	3,000	
IRAN.....	1,497	1,600	1,700		6.9	7.5	7.1		1,038	1,200	1,200	
IRAQ.....	1,109	1,093	1,050		7.0	6.7	6.7		774	730	700	
ISRAEL.....	51	25	25		11.2	10.0	10.0		57	25	25	
JAPAN.....	391	283	226		28.6	28.7	25.3		1,119	812	572	
JORDAN.....	64	81	70		9.2	10.5	10.7		59	85	75	
KOREA, REP OF.....	972	942	930		19.2	21.2	23.7		1,868	2,000	2,200	
PAKISTAN.....	190	204	201		6.0	6.0	6.3		114	122	127	
SYRIAN ARAB REP.....	575	546	500		7.8	6.4	6.5		446	350	325	
TURKEY.....	2,737	2,735	2,740		12.2	13.5	12.8		3,340	3,700	3,500	
TOTAL 4/.....	17,405	17,074	17,237		10.5	10.7	10.8		18,249	18,328	18,634	
<b>OCEANIA:</b>												
AUSTRALIA.....	1,035	1,578	---		11.5	11.3	---		1,189	1,789	---	
NEW ZEALAND.....	46	52	---		34.5	30.2	---		159	157	---	
TOTAL 4/.....	1,081	1,630	---		12.5	11.9	---		1,347	1,946	---	
TOTAL WORLD 4/.....	64,671	69,995	69,913		15.6	16.7	16.4		101,025	116,546	114,304	

1/ Years shown refer to years of harvest in the Northern Hemisphere. Harvests of Northern Hemisphere countries are combined with those of Southern Hemisphere which immediately follow; thus, the crop harvested in the Northern Hemisphere in 1970 is combined with estimates for Southern Hemisphere harvests which begin late in 1970 and end early in 1971. 2/ Harvested area as far as possible. 3/ Preliminary. 4/ Estimated totals include allowances for producing countries not shown. 5/ Production estimated.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attaches and Foreign Service Officers, results of office research, and related information.



OATS: AREA, YIELD, AND PRODUCTION IN SPECIFIED COUNTRIES, AVERAGE 1964-68, ANNUAL 1969 AND 1970 1/

REGION AND COUNTRY	AREA 2/			YIELD			PRODUCTION		
	AVE.1964-68	1969	1970 3/	AVE.1964-68	1969	1970 3/	AVE.1964-68	1969	1970 3/
	1,000 HA	1,000 HA	1,000 HA	QU/HA	QU/HA	QU/HA	1,000 MT	1,000 MT	1,000 MT
<b>NORTH AMERICA:</b>									
CANADA.....	3,218	3,098	3,395	17.4	18.5	17.1	5,594	5,728	5,796
MEXICO.....	76	35	35	7.9	5.7	5.7	60	20	20
UNITED STATES.....	7,256	7,286	7,581	17.2	18.9	16.4	12,509	13,787	12,937
TOTAL.....	10,551	10,419	11,011	17.2	18.7	16.2	18,163	19,535	18,933
<b>SOUTH AMERICA:</b>									
ARGENTINA.....	472	425	---	12.7	10.0	---	601	425	---
CHILE.....	92	73	---	13.3	12.3	---	122	90	---
URUGUAY.....	88	75	---	8.2	8.0	---	72	60	---
TOTAL 4/.....	652	573	---	12.2	10.0	---	796	575	---
<b>WESTERN EUROPE</b>									
AUSTRIA.....	130	102	100	24.4	28.2	26.7	317	288	267
BELGIUM.....	107	84	72	33.4	33.7	30.0	357	283	216
DENMARK.....	222	205	182	38.1	37.3	35.0	846	765	637
FINLAND.....	473	524	524	19.7	21.9	21.9	930	1,146	1,146
FRANCE.....	1,044	870	803	24.3	27.0	25.8	2,537	2,349	2,075
GERMANY WEST.....	780	860	832	31.6	34.6	31.3	2,462	2,976	2,600
GREECE.....	117	96	77	13.3	12.4	14.3	155	119	110
IRELAND.....	103	76	71	28.5	31.6	29.6	294	240	210
ITALY.....	358	312	310	13.2	15.7	15.5	473	491	480
LUXEMBOURG.....	14	15	14	24.6	34.7	35.7	34	52	50
NETHERLANDS.....	93	82	76	39.2	41.0	37.0	365	336	281
NORWAY.....	47	55	57	26.8	26.0	26.8	126	143	153
PORTUGAL.....	231	207	220	4.2	3.8	3.4	97	79	75
SPAIN.....	497	498	472	8.9	10.7	9.0	443	533	425
SWEDEN.....	468	456	489	29.3	23.8	31.7	1,372	1,083	1,549
SWITZERLAND.....	10	10	11	32.6	36.0	34.5	33	36	38
UNITED KINGDOM.....	405	382	382	31.6	34.5	34.0	1,281	1,319	1,299
TOTAL.....	5,098	4,834	4,692	23.8	25.3	24.7	12,122	12,238	11,611
<b>EASTERN EUROPE</b>									
BULGARIA.....	116	76	75	11.7	10.3	13.1	136	78	98
CZECHOSLOVAKIA.....	398	400	410	19.5	24.2	23.0	776	967	943
GERMANY EAST.....	268	272	260	29.4	30.9	30.0	789	841	780
HUNGARY.....	60	48	40	11.5	16.7	15.0	69	80	60
POLAND-DANZIG.....	1,424	1,367	1,500	18.3	22.7	22.0	2,600	3,100	3,300
ROMANIA.....	120	130	125	10.8	12.4	12.0	130	161	150
YUGOSLAVIA.....	307	273	270	10.9	11.3	11.1	335	308	300
TOTAL.....	2,693	2,566	2,680	18.0	21.6	21.0	4,835	5,535	5,631
TOTAL EUROPE.....	7,791	7,400	7,372	21.8	24.0	23.4	16,957	17,773	17,242
TOTAL U.S.S.R. 5/.....	7,440	9,300	8,500	9.5	11.5	11.2	7,060	10,700	9,500
<b>AFRICA:</b>									
ALGERIA.....	30	---	---	5.5	---	---	17	---	---
MOROCCO.....	18	21	22	9.4	7.6	10.0	17	16	22
SOUTH AFRICA, REP OF.....	242	350	325	5.4	3.7	3.8	131	130	125
TOTAL 5/.....	301	403	379	5.7	4.0	4.4	173	161	167
<b>ASIA:</b>									
JAPAN.....	54	34	27	20.5	19.7	24.1	111	67	65
TURKEY.....	393	375	370	11.5	12.8	12.2	450	480	450
TOTAL 4/.....	1,795	1,744	1,747	7.7	7.7	8.1	1,377	1,347	1,415
<b>OCEANIA:</b>									
AUSTRALIA.....	1,520	1,821	---	8.9	8.8	---	1,349	1,604	---
NEW ZEALAND.....	14	15	---	30.4	35.1	---	43	53	---
TOTAL 4/.....	1,534	1,836	---	9.1	9.0	---	1,392	1,657	---
TOTAL WORLD.....	30,064	31,674	31,418	15.3	16.3	15.6	45,916	51,747	48,977

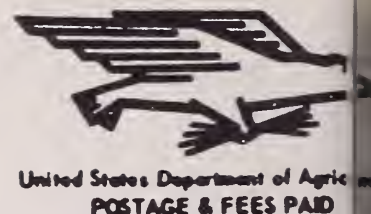
1/ Years shown refer to year of harvest in the Northern Hemisphere. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus, the crop harvested in the Northern Hemisphere in 1970 is combined with estimates for the Southern Hemisphere harvests which begin late in 1970 and end early in 1971. 2/ Harvested area as far as possible. 3/ Preliminary. 4/ Estimated totals include allowances for producing countries not shown. 5/ Production estimated.

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Grains and Feeds Circular  
FG-C (10004) FG 19-70

### OATS

World production of oats in 1970 is estimated at 49.0 million tons, 5 percent below the previous crop but still 7 percent over the 1964-68 average.

Oat production in the United States at 12.9 million tons was off 6 percent. The Canadian crop was little changed at 5.8 million tons.

The West European oat harvest was down 5 percent at 11.6 million tons. The West German and French crops were off 13 and 12 percent, respectively. Swedish production recovered sharply from the previous poor crop.

The East European crop was up slightly at 5.6 million tons. Soviet oat production was below the unusual 1969 crop but well above average.

# FOREIGN AGRICULTURE CIRCULAR

U.S. DEPARTMENT OF AGRICULTURE  
Foreign Agricultural Service Washington D.C.



GRAIN  
FG 20-70  
October 1970

U. S. DEPT. OF AGRICULTURE  
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CURRENT SERIAL RECORDS

## GRAIN STOCKS IN MAJOR EXPORTING

## COUNTRIES UP 8 PERCENT ON JULY 1

Stocks of grain in the United States, Canada, Argentina, and Australia on July 1, 1970 totaled 146 million metric tons, 11 million tons more than a year earlier, according to estimates of the Foreign Agricultural Service. United States stocks of the 5 principal grains were 3 percent higher than on July 1, 1969. In Canada, stocks gained 16 percent, in Argentina, 25 percent and in Australia, 13 percent.

Aggregate stocks of wheat in the four countries gained 16 percent to a record 68.1 million tons. Barley holdings rose 15 percent, to 11.4 million tons, those of oats 26 percent to 11.3 million tons and of rye 24 percent to 932,000 tons. Corn stocks were off 5 percent at 54.3 million tons.

U.S. grain stocks, including 8.8 million tons of grain sorghum, totaled 94.3 million tons, up 2 percent for the year.

Stocks of wheat in the United States, at 24.0 million tons, were up 18 percent. Barley stocks gained 16 percent, oats 30 percent and rye 33 percent, while corn, at 48.8 million tons, was off 7 percent.

(Continued)

Country and year	Wheat	Rye	Barley	Oats	Corn	Total
	1,000	1,000	1,000	1,000	1,000	1,000
	m. t.	m. t.	m. t.	m. t.	m. t.	m. t.
United States:						
Average 1950-54 .....	14,259	202	1,606	3,619	31,903	51,589
Average 1955-59 .....	28,059	316	3,219	4,582	48,690	84,866
1960 .....	35,745	266	3,640	3,876	64,061	107,588
1961 .....	38,410	361	3,318	4,709	71,741	118,539
1962 .....	35,979	200	2,688	4,010	63,067	105,944
1963 .....	32,529	176	3,181	3,960	54,099	93,945
1964 .....	24,532	135	2,865	4,534	60,636	92,702
1965 .....	22,240	326	2,167	4,014	48,094	76,841
1966 .....	14,565	483	2,281	4,590	45,285	67,204
1967 .....	11,567	475	2,651	3,923	44,272	62,888
1968 .....	14,681	458	2,997	3,958	55,296	77,390
1969 .....	20,280	406	4,343	5,446	52,537	83,012
1970 <u>1/</u> .....	23,962	542	5,052	7,100	48,837	85,493
Canada:						
Average 1950-54 .....	9,389	356	2,177	2,082	2/	14,004
Average 1955-59 .....	17,772	432	2,983	2,606	2/	23,793
1960 .....	17,146	254	3,048	2,005	2/	22,453
1961 .....	17,554	229	2,830	2,236	2/	22,849
1962 .....	11,567	152	1,524	1,696	2/	14,939
1963 .....	14,142	127	2,286	2,776	2/	19,341
1964 .....	14,560	203	2,939	3,239	2/	20,941
1965 .....	14,884	224	2,158	2,440	232	19,938
1966 .....	13,567	287	2,490	2,291	250	18,885
1967 .....	17,076	245	3,390	2,158	275	23,144
1968 .....	19,618	210	3,243	1,286	300	24,657
1969 .....	24,320	245	4,820	2,385	213	31,983
1970 <u>1/</u> .....	28,660	295	5,250	2,655	109	36,969
Argentina:						
Average 1950-54 .....	2,912	406	457	566	2,311	6,652
Average 1955-59 .....	4,300	483	588	508	3,531	9,410
1960 .....	3,810	510	480	334	3,556	8,690
1961 .....	2,722	254	435	580	3,556	7,547
1962 .....	1,905	254	327	290	3,683	6,459
1963 .....	2,585	205	305	360	3,175	6,630
1964 .....	4,763	254	435	435	4,064	9,951
1965 .....	7,185	230	110	290	3,505	11,320
1966 .....	2,900	130	140	210	5,200	8,580
1967 .....	1,570	70	150	160	4,600	6,550
1968 .....	3,990	70	210	210	4,560	9,040
1969 .....	2,625	100	155	140	4,195	7,215
1970 <u>1/</u> .....	3,250	95	280	105	5,310	9,040
Australia:						
Average 1950-54 .....	2,994	2/	196	290	2/	3,480
Average 1955-59 .....	3,620	2/	370	580	2/	4,570
1960 .....	3,946	2/	261	653	2/	4,860
1961 .....	4,082	2/	544	580	2/	5,206
1962 .....	2,667	2/	327	510	2/	3,504
1963 .....	4,218	2/	435	510	2/	5,163
1964 .....	3,184	2/	261	870	2/	4,315
1965 .....	4,431	2/	333	336	2/	5,100
1966 .....	3,279	2/	295	550	2/	4,124
1967 .....	6,627	2/	363	965	2/	7,955
1968 .....	4,305	2/	348	363	2/	5,016
1969 .....	11,247	2/	574	950	2/	12,771
1970 <u>1/</u> .....	12,227	2/	841	1,424	2/	14,492
Total:						
Average 1950-54 .....	29,554	964	4,436	6,557	34,214	75,725
Average 1955-59 .....	53,751	1,231	7,160	8,276	52,221	122,639
1960 .....	60,647	1,030	7,429	6,868	67,617	143,591
1961 .....	62,768	844	7,127	8,105	75,297	154,141
1962 .....	52,118	606	4,866	6,506	66,750	130,846
1963 .....	53,484	508	6,207	7,606	57,274	125,079
1964 .....	47,039	592	6,500	9,078	64,700	127,909
1965 .....	48,740	780	4,768	7,080	51,831	113,199
1966 .....	34,311	900	5,206	7,641	50,735	98,793
1967 .....	36,840	790	6,554	7,206	49,147	100,537
1968 .....	42,594	738	6,798	5,817	60,156	116,103
1969 .....	58,472	751	9,892	8,921	56,945	134,981
1970 <u>1/</u> .....	68,099	932	11,423	11,284	54,256	145,994

1/ Preliminary. 2/ Production small and remaining stocks believed negligible.

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Stocks of grain in Canada on July 1 totaled 37 million tons. Wheat stocks rose 18 percent to a record 28.7 million tons, while barley gained 9 percent, oats 11 percent and rye 20 percent.

Argentina held stocks totaling 9.0 million tons. Wheat at 3.3 million tons was up 24 percent and corn at 5.3 million tons was 27 percent higher.

Australian grain stocks totaled 14.5 million tons. Wheat stocks were at a record 12.2 million tons, up 9 percent. Stocks of both barley and oats were about double those of a year earlier.

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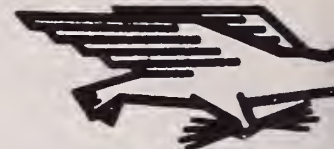
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October 1970

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## FRENCH GRAIN EXPORTS AND IMPORTS

### CURRENT SERIAL RECORDS

#### DOWN IN 1969-70

After a modest gain in the first half of fiscal year 1969-70, French grain exports for the full year declined slightly to 12.1 million metric tons, 0.4 percent below 1968-69, a record year. A slight increase in exports of wheat and wheat flour was offset by decreased exports of feedgrains. Gains were made in exports to Asia, non-EC West European countries and to Eastern Europe, but exports of wheat and feedgrains to EC partners fell off sharply.

French grain imports reached their lowest level in recent years, 1.1 million tons, with the decrease resulting from a sharp drop in imports of wheat and flour and rice. Feedgrain imports remained at approximately the same level as in the previous year.

Summary data follow:

Commodity	EXPORTS			:	IMPORTS			NET
	1968-69	1969-70	+ or -		1968-69	1969-70	+ or -	EXPORTS
1969-70								
(000 Metric Tons)								
Wheat and								
Flour .....	6,047	6,124	+ 77	600	475	- 125	5,649	
Feedgrain ...	6,079	5,952	- 127	486	481	- 5	5,471	
Corn .....	(2,359)	(2,174)	(- 185)	(453)	(448)	(- 5)	(1,726)	
Oats .....	( 147)	( 138)	(- 9)	( 1/)	( 1/)	-	( 138)	
Barley.....	(3,466)	(3,551)	(+ 85)	( 3)	( 2)	(- 1)	(3,549)	
Sorghum .....	( 107)	( 89)	(- 18)	( 30)	( 31)	(+ 1)	( 58)	
Rye .....	29	38	+ 9	1/	1/	-	38	
Rice .....	28	17	- 11	134	96	- 38	- 79	(Imports)
Totals ....	12,183	12,131	- 52	1,220	1,052	- 168	11,079	

1/ Less than 500 metric tons.

(Continued)



## EXPORTS

Exports of wheat and flour (grain equivalent) during fiscal year 1969-70 reached a record 6.1 million metric tons, a slight increase of 77,000 metric tons over 1968-69 -- the result of increased flour exports which offset a slight decline in wheat exports.

Wheat exports decreased by 10,000 tons during July-June, 1969-70, with sharp decreases in exports to the EC and Eastern Europe. Exports to West Germany fell off by 406,000 tons, one-third below 1968-69, in the largest single setback of the year. A large gain of 298,000 tons was made in exports to Belgium and Luxembourg, but further decreases, especially in shipments to the Netherlands and Eastern Europe, combined to reduce French wheat exports to all European countries by 458,000 tons. This was a 13 percent decline from the excellent record of 3.6 million tons in 1968-69.

Exports of wheat to Mainland China tripled in 1969-70 to a total of 779,000 tons, 522,000 tons more than in 1968-69 and the largest increase to any one country in that year. Slight gains were made in shipments to the Philippines, Malaysia, Japan, Taiwan and Hong Kong, but French wheat was practically shut out of Syria, Turkey and Lebanon after moderate exports to those countries a year earlier.

Wheat exports to Africa decreased from 1.3 million tons in July-June 1968-69 to 1.1 million tons in 1969-70, a decline of about 10 percent. Shipments to the United Arab Republic, Senegal and Tunisia, the three largest African markets in 1969-70, increased by one-fifth. However, France failed to enter the Algerian market, seventh largest (214,000 tons) in 1968-69, and Sudan, 60,000 tons a year earlier.

Flour exports (grain equivalent) reached 834,000 tons in 1969-70, an increase of 12 percent over the previous fiscal year. Exports increased to Africa and Asia, which together took nearly three-fourths of total flour exports, while exports to the Western Hemisphere decreased.

Exports of feedgrains (corn, oats, barley and sorghum) decreased slightly in July-June, 1969-70 to 6 million metric tons, after an increase of more than 2 million tons during the previous fiscal year. Shipments to Eastern Europe and non-EC West European countries increased by a total of 352,000 tons, but exports to EC countries declined by 291,000 tons and by lesser amounts to other parts of the world. Increased exports of barley, to 3.6 million tons, in part offset a decrease in exports of corn, oats and sorghum.

Corn exports in 1969-70 at 2.2 million tons were approximately one-third of French feedgrain exports, but 8 percent below corn exports in 1968-69. Exports decreased to all parts of the world except Africa, a relatively minor market. Shipments of 1.3 million tons to EC countries were 59 percent of total corn exports, but 3 percent below 1968-69. Gains were

(Continued)

made in exports to Belgium and Luxembourg, the largest market (527,000 tons), as well as to the United Kingdom, Denmark and West Germany. However, exports to most countries were down from a year earlier, with exports to Spain, third largest market in 1968-69, falling off sharply from 443,000 tons to 298,000 tons, a decrease of one-third.

Exports of oats, which accounted for only 2 percent of total feedgrain exports, decreased slightly to 138,000 tons in fiscal year 1969-70. EC countries took over 90 percent of total exports, and Switzerland most of the balance. The largest export, 58,000 tons, went to Belgium and Luxembourg.

Barley exports during July-June 1969-70 reached 3.6 million tons, nearly 60 percent of total feedgrain exports and 85,000 tons above the previous year. The largest exports were 794,000 tons to West Germany and 648,000 tons to Belgium and Luxembourg, but total exports to the EC declined by 13 percent -- from 2.0 million tons in 1968-69 to 1.8 million tons. The most significant gain was in exports to Poland, from 192,000 tons to 502,000 tons.

Significant gains were also made in barley exports to the United Kingdom and Norway, as well as to Poland. However, French barley exports to Japan fell off sharply, from 494,000 tons in 1968-69 to 287,000 tons in 1969-70, as other traditional exporters regained much of this market against heavily subsidized French exports. Shipments to Asia, Africa and the Western Hemisphere also decreased.

Sorghum exports at 89,000 tons continued to be of minor importance in France's exports of feedgrains during fiscal year 1969-70 -- only 1.5 percent -- with Belgium and Luxembourg taking nearly half of the reduced total.

#### IMPORTS

French imports of wheat and flour (grain equivalent) during fiscal year 1969-70 fell off sharply from the previous year, from 600,000 metric tons to 475,000 tons, a decrease of over one-fifth. Imports from the United States, the major supplier, dropped from 412,000 tons (69 percent of the total imports) in 1968-69, to 293,000 tons (62 percent). Canada was the second largest source of French wheat imports - 125,000 tons, followed by Argentina and the USSR. Imports of wheat flour continued to be unimportant (2,000 tons).

French imports of feedgrains (corn, oats, barley and sorghum), while only slightly below 1968-69, continued their steady decline of recent years. Corn imports of 448,000 tons accounted for 93 percent of total feedgrain imports. Of this, 381,000 tons were from the United States and 64,000 tons from Argentina. The balance of feedgrain imports was almost entirely in sorghum.



WHEAT AND WHEAT FLOUR: French exports by country of destination,  
July-June 1968-69 and July-June 1969-70

Destination	July-June 1968-69			July-June 1969-70			+ or -
	Wheat	Flour	Total	Wheat	Flour	Total	
	(Grain equivalent)	(Grain equivalent)		(Grain equivalent)	(Grain equivalent)		
	1,000 m. t.	1,000 m. t.	1,000 m. t.	1,000 m. t.	1,000 m. t.	1,000 m. t.	1,000 m. t.
Western Hemisphere:							
British Honduras .....	--	1	1	--	--	--	1
Guadeloupe .....	--	27	27	--	28	28	1
Jamaica .....	--	35	35	--	18	18	17
Martinique .....	--	32	32	1/	33	33	1
Trinidad and Tobago .....	--	6	6	--	6	6	0
West Indies .....	1/	7	7	--	8	8	1
Chile .....	--	9	9	1/	10	10	1
Colombia .....	--	2	2	--	--	--	2
French Guiana .....	1/	4	4	1/	4	4	0
Guyana .....	1/	8	8	--	6	6	2
Surinam .....	--	1	1	--	--	--	1
Others .....	--	--	--	--	--	--	0
Total .....	--	132	132	--	113	113	19
Western Europe:							
EC:							
Belgium and Luxembourg .....	386	13	399	684	18	702	303
Germany, West .....	1,231	38	1,269	825	49	874	395
Italy .....	168	1/	168	126	--	126	42
Netherlands .....	706	1/	706	541	--	541	165
Total .....	2,491	51	2,542	2,176	67	2,243	299
Other Western Europe:							
Andorra .....	1/	2	2	1/	2	2	0
Austria .....	1	--	1	--	1/	1/	1
Cyprus .....	--	1	1	--	1/	1/	1
Greece .....	1	1	2	--	--	--	2
Ireland .....	102	--	102	21	--	21	81
Malta .....	6	--	6	--	--	--	6
Norway .....	64	1	65	26	1/	26	39
Portugal .....	69	--	69	67	--	67	2
Switzerland .....	74	1/	74	161	1/	161	87
United Kingdom .....	559	1/	559	632	--	632	73
Others .....	1	--	1	--	--	--	1
Total .....	877	5	882	907	2	909	27
Eastern Europe:							
Bulgaria .....	186	--	186	--	--	--	186
Poland .....	1/	--	--	13	--	13	13
Others .....	--	1/	--	1/	--	--	0
Total .....	186	1/	186	13	--	13	173
Total Europe .....	3,554	56	3,610	3,096	69	3,165	445
Asia:							
Bahrein .....	--	1	1	--	--	--	1
Cambodia .....	--	14	14	--	24	24	10
Ceylon .....	--	39	39	--	63	63	24
China, Mainland .....	257	--	257	779	--	779	522
Hong Kong .....	10	1	11	20	1	21	10
India .....	--	2	2	--	--	--	2
Indonesia .....	--	3	3	--	31	31	28



WHEAT AND WHEAT FLOUR: French exports by country of destination,  
July-June 1968-69 and July-June 1969-70 (Continued)

Destination	July-June 1968-69			July-June 1969-70			+ or -	
	Wheat	Flour (Grain equivalent)	Total	Wheat	Flour (Grain equivalent)	Total		
	1,000 m. t.	1,000 m. t.	1,000 m. t.	1,000 m. t.	1,000 m. t.	1,000 m. t.		
Asia (Continued):								
Japan .....	16	--	16	34	--	34	+	18
Korea, North .....	--	48	48	--	23	23	-	25
Lebanon .....	13	2	15	1/	7	7	-	8
Malaysia .....	7	1/	7	31	--	31	+	24
Muscat and Oman .....	--	5	5	--	4	4	-	1
Philippines .....	51	23	74	88	1	89	+	15
Qatar .....	--	2	2	--	--	--	-	2
Saudi Arabia .....	--	9	9	--	13	13	+	4
Singapore .....	10	--	10	34	--	34	+	24
Southern Yemen (Aden) .....	--	22	22	--	25	25	+	3
Syria .....	50	1	51	--	--	--	-	51
Taiwan .....	22	--	22	36	--	36	+	14
Turkey .....	28	--	28	1/	--	--	-	28
Yemen .....	--	21	21	--	40	40	+	19
Others .....	--	1	1	23	--	23	+	22
Total .....	464	194	658	1,045	232	1,277	+	619
Africa:								
Afars and Issas (French) .....	--	4	4	--	4	4	-	0
Algeria .....	214	1	215	--	--	--	-	215
Angola .....	29	1	30	35	1	36	+	6
Burundi and Rwanda .....	--	2	2	--	--	--	-	2
Cameroon .....	32	14	46	32	13	45	-	1
Central African Republic .....	6	6	12	6	4	10	-	2
Congo (Kinshasa) .....	--	1	1	--	1	1	-	0
Gabon .....	--	8	8	9	2	11	+	3
Gambia .....	--	1	1	--	--	--	-	1
Ghana .....	--	2	2	--	2	2	-	0
Guinea .....	--	1	1	--	--	--	-	1
Ivory Coast .....	9	1/	9	1	--	1	-	8
Libya .....	--	8	8	--	8	8	-	0
Malagasy Republic .....	1/	2/	2	--	2/	36	+	34
Malawi .....	--	1	1	--	1	1	-	0
Mauritius Islands, Seychelles ...	--	34	34	--	38	38	+	4
Mauritania .....	1/	2	2	1/	5	5	+	3
Mozambique .....	25	1	26	--	2	2	-	24
Portuguese Guinea .....	--	4	4	--	4	4	-	0
Reunion .....	--	13	13	--	14	14	+	1
Senegal .....	153	1/	153	222	1/	222	+	69
Somaliland .....	--	5	5	--	1	1	-	4
Sudan .....	60	1	61	--	--	--	-	61
Togo .....	1/	4	4	--	9	9	+	5
Tunisia .....	51	--	51	107	--	107	+	56
United Arab Republic .....	686	186	872	736	156	892	+	20
Western Africa, n.e.c. ....	17	37	54	--	81	81	+	27
Others .....	--	5	5	--	--	--	-	5
Total .....	1,282	344	1,626	1,148	382	1,530	-	96
Oceania .....	--	21	21	--	28	28	-	7
Unspecified .....	1/	--	1/	1	10	11	+	11
World total .....	5,300	747	6,047	5,290	834	6,124	+	77
Equivalent 1,000 bushels .....	194,742	27,448	222,190	194,374	30,644	225,018	+	2,829

1/ Less than 500 metric tons. 2/ Comoro Islands 2 for 1968-69; Comoro Islands 1 for 1969-70.

Foreign Agricultural Service  
Grain and Feed Division, CAB/SSS  
September 1970

## FEEDGRAINS: French exports by country of destination, July-June 1968-69 and July-June 1969-70

Destination	July-June 1968-69					July-June 1969-70					+ or -
	Corn	Oats	Barley 1/	Sorghum	Total	Corn	Oats	Barley 2/	Sorghum	Total	
	1,000 m. t.	1,000 m. t.	1,000 m. t.	1,000 m. t.	1,000 m. t.	1,000 m. t.	1,000 m. t.	1,000 m. t.	1,000 m. t.	1,000 m. t.	
Western Hemisphere:											
United States .....	3/	--	31	3/	31	3/	3/	21	--	21	10
Guadeloupe and Martinique .....	5	3/	3/	--	5	7	--	3/	--	7	2
Cuba .....	9	--	--	--	9	--	--	--	--	--	9
Peru .....	--	--	10	--	10	--	--	13	--	13	3
Uruguay .....	--	--	4	--	4	--	--	--	--	--	4
Venezuela .....	--	1	--	--	1	--	1	--	--	1	0
Others .....	3/	--	3/	--	3/	--	--	7	--	7	7
Total .....	14	1	45	3/	60	7	1	41	--	49	11
Western Europe:											
EC:											
Belgium and Luxembourg .....	487	47	573	19	1,126	527	58	648	40	1,273	147
Germany, West .....	472	48	933	7	1,460	476	49	794	3/	1,319	141
Italy .....	65	6	318	3/	389	17	3	227	3/	247	142
Netherlands .....	312	24	229	5	570	272	16	123	4	415	155
Total .....	1,336	125	2,053	31	3,545	1,292	126	1,792	44	3,254	291
Other Western Europe:											
Austria .....	1	--	2	--	3	1	--	--	--	1	2
Cyprus .....	12	--	1	--	13	--	--	--	--	--	13
Denmark .....	21	--	50	3/	71	51	--	--	--	51	20
Finland .....	--	--	7	--	7	--	--	10	--	10	3
Iceland .....	--	--	--	--	--	1	--	9	--	10	10
Ireland .....	44	--	32	6	82	46	--	22	8	76	6
Malta .....	17	--	11	2	30	2	--	6	2	10	20
Norway .....	43	--	29	5	77	6	--	122	--	128	51
Portugal .....	15	--	3/	--	15	6	--	43	--	49	34
Spain .....	443	--	2	7	452	298	3/	1	1	300	152
Sweden .....	--	--	2	--	2	2	--	17	--	19	17
Switzerland .....	147	20	401	11	579	110	8	422	22	562	17
United Kingdom .....	165	--	7	44	216	301	--	123	10	434	218
Others .....	1	--	--	--	1	3/	--	14	--	14	13
Total .....	909	20	544	75	1,548	824	8	789	43	1,664	116
Eastern Europe:											
Bulgaria .....	--	3/	55	--	55	3/	3/	27	--	27	28
Poland .....	3/	--	192	--	192	3/	--	502	--	502	310
USSR .....	53	--	--	--	53	3/	--	--	--	--	53
Others .....	3/	1	--	--	1	3/	--	8	--	8	7
Total .....	53	1	247	--	301	3/	3/	537	--	537	236
Total Europe .....	2,298	146	2,844	106	5,394	2,116	134	3,118	87	5,455	61
Asia:											
Hong Kong .....	--	--	2	--	2	--	--	--	--	--	2
Japan .....	--	--	494	--	494	--	--	287	--	287	207
Israel .....	2	--	--	--	2	--	--	25	--	25	23
Lebanon .....	7	--	2	3/	9	--	--	--	3/	3/	9
Singapore .....	--	--	4	--	4	--	--	16	--	16	12
South Vietnam .....	3/	--	4	--	4	--	--	3	--	3	1
Syria .....	2	--	--	1	3	--	--	--	--	--	3
Others .....	--	--	--	--	--	--	--	1	--	1	1
Total .....	11	--	506	1	518	--	--	332	3/	332	186
Africa:											
Algeria .....	8	--	--	--	8	10	--	--	--	10	2
Libya .....	--	--	43	--	43	3/	--	52	--	52	9
Mali .....	--	--	--	--	--	24	--	--	--	24	24
Morocco .....	--	--	--	3/	3/	--	--	3	3/	3	3
Senegal .....	19	3/	3/	3/	19	12	--	3/	3/	12	7
Spanish Africa .....	9	3/	2	--	11	--	--	--	--	--	11
Tunisia .....	--	--	26	--	26	--	--	--	--	--	26
Others .....	3/	--	--	3/	3/	2	--	1	--	3	3
Total .....	36	--	71	3/	107	48	3/	56	3/	104	3
Oceania:											
Unspecified .....	3/	3/	3/	3/	3/	3	3	4	2	12	12
World total .....	2,359	147	3,466	107	6,079	2,174	138	3,551	89	5,952	127
Equivalent 1,000 bushels .....	92,869	10,127	159,190	4,212		85,586	9,507	163,094	3,504		

1/ Excluding 299 thousand metric tons of malt grain equivalent. 2/ Excluding 350 thousand metric tons of malt grain equivalent. 3/ Less than 500 metric tons.

Foreign Agricultural Service  
Grain and Feed Division, CAB/SSS  
September 1970

WHEAT AND WHEAT FLOUR: French imports by country of origin,  
July-June 1968-69 and July-June 1969-70

Origin	July-June 1968-69			July-June 1969-70			+ or -
	Wheat	Flour (Grain equivalent)	Total	Wheat	Flour (Grain equivalent)	Total	
	1,000 m. t.	1,000 m. t.	1,000 m. t.	1,000 m. t.	1,000 m. t.	1,000 m. t.	1,000 m. t.
Western Hemisphere:							
United States	412	1/	412	293	--	293 :-	119
Canada	103	--	103	125	--	125 :+	22
Argentina	50	--	50	33	--	33 :-	17
Total	565	1/	565	451	--	451 :-	114
Western Europe:							
EC:							
Belgium and Luxembourg	1	1	2	1/	1/	1/ :-	2
Germany, West	2	2	4	1/	2	2 :-	2
Italy	1/	1/	1/	--	1/	1/ :-	0
Netherlands	1/	--	1/	1/	--	1/ :-	0
Total	3	3	6	1/	2	2 :-	4
Other Western Europe:							
Greece	6	1/	6	4	--	4 :-	2
Others	--	--	--	--	1/	1/ :-	0
Total	6	1/	6	4	1/	4 :-	2
Eastern Europe:							
USSR	22	--	22	17	--	17 :-	5
Total	22	--	22	17	--	17 :-	5
Total Europe	31	3	34	21	2	23 :-	11
Oceania	1	--	1	1/	--	1/ :-	1
Unspecified	1/	1/	1/	1	--	1 :+	1
World total	597	3	600	473	2	475 :-	125
Equivalent 1,000 bushels	21,936	110	22,046	17,380	73	17,453 :-	4,593

1/ Less than 500 metric tons.

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FEEDGRAINS: French imports by country of origin, July-June 1968-69 and July-June 1969-70

Country of origin	July-June 1968-69					July-June 1969-70					+ or -
	Corn	Oats	Barley	Sorghum	Total	Corn	Oats	Barley	Sorghum	Total	
	1,000 m. t.	1,000 m. t.	1,000 m. t.	1,000 m. t.	1,000 m. t.	1,000 m. t.	1,000 m. t.	1,000 m. t.	1,000 m. t.	1,000 m. t.	1,000 m. t.
Western Hemisphere:											
United States	314	--	1/	4	318	381	--	--	8	389	+ 71
Canada	--	--	--	1	1	--	--	--	1	1	0
Argentina	37	1/	--	8	45	64	--	1/	9	73	+ 28
Brazil	--	--	--	2	2	--	--	--	1	1	1
Mexico	27	--	--	2	29	1	--	--	--	1	-- 28
Total	378	1/	1/	17	395	446	1/	--	19	465	+ 70
Western Europe:											
EC:											
Belgium and Luxembourg	1	1/	--	1/	1	--	--	1/	--	1	0
Germany, West	1/	1/	2	--	2	1/	--	1/	--	1/	2
Italy	2	--	--	1/	2	1	--	--	--	1	1
Netherlands	1/	1/	1	1/	1	--	1/	1/	--	1	0
Total	3	1/	3	1/	6	1	1/	2	--	3	3
Other Western Europe:											
Greece	1	--	--	1/	1	--	--	--	--	--	1
Others	--	1/	1/	1/	1/	--	1/	--	--	--	0
Total	1	1/	1/	1/	1	--	1/	--	--	--	1
Total Europe	4	1/	3	1/	7	1	1/	2	--	3	4
Africa:											
Kenya	20	--	--	--	20	--	--	--	--	--	20
Morocco	--	--	--	7	7	1	--	--	6	7	0
South Africa, Republic of	11	--	--	4	15	--	--	--	3	3	12
Others	--	--	--	1	1	--	--	--	--	--	1
Total	31	--	--	12	43	1	--	--	9	10	33
Oceania	--	--	--	1	1	--	--	--	1	1	0
Unspecified	40	--	--	1/	40	--	--	--	2	2	38
World total	453	1/	3	30	486	448	1/	2	31	481	5
Equivalent 1,000 bushels	17,834	--	138	1,181		17,637		92	1,220		

1/ Less than 500 metric tons.

Foreign Agricultural Service  
Grain and Feed Division, CAB/SSS  
September 1970

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GRAIN  
FG 22-70  
October 1970

OCT 27 1970

ARGENTINA'S GRAIN EXPORTS

DOWN 5 PERCENT IN 1969-70

CURRENT SERIAL RECORDS

Grain exports by Argentina dropped nearly 5 percent for 1969-70 (July-June). Wheat, rye, oats and barley declined while corn and sorghum increased. The major shifts were a decrease of 716,000 tons for wheat versus a gain of 378,000 tons for corn. A summary of shipments during the past two years follows:

Argentina: Grain Exports Summary

<u>Commodity</u>	<u>July-June 1968-69</u>	<u>July-June 1969-70</u>	<u>Change + or -</u>
	- - - - - 1,000 M.T. - - - - -		
Wheat	2,666	1,950	- 716
Rye	22	19	- 3
Corn	3,968	4,346	+ 378
Oats	201	144	- 57
Barley	205	33	- 172
Sorghum	1,399	1,523	+ 124
Total	8,416	8,015	- 446

Source: El Cerealista

Wheat exports for fiscal year 1969-70 amounted to 2 million metric tons. Brazil was the largest market, taking 48 percent of all wheat shipped or 945,000 tons. Italy was second with 400,000 tons. Chile and Peru were the only other destinations taking more than 100,000 tons.

(Continued)

Destination	July-June 1968-69							July-June 1969-70						
	Wheat	Rye	Corn	Oats	Barley	Sorghum	Total	Wheat	Rye	Corn	Oats	Barley	Sorghum	Total
	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
	m. t.	m. t.	m. t.	m. t.	m. t.	m. t.	m. t.	m. t.	m. t.	m. t.	m. t.	m. t.	m. t.	m. t.
North America:														
U.S. and Possessions:														
United States .....	--	--	2/	--	--	2/	2/	--	--	--	--	--	--	--
Puerto Rico .....	--	--	2	--	--	--	2	--	--	4	--	--	--	4
Barbados .....	--	--	--	--	--	--	--	4	--	2/	--	--	2/	4
El Salvador .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Honduras .....	--	--	--	--	--	--	--	4	--	--	--	--	--	4
Martinique .....	--	--	4	--	--	2/	4	--	--	1	--	--	--	1
Mexico .....	--	--	--	2/	--	--	2/	--	--	--	8	--	--	8
Trinidad and Tobago .....	--	--	1	--	--	2/	1	--	--	1	--	--	2/	1
Total .....	--	--	7	2/	--	2/	7	8	--	6	8	--	2/	22
South America:														
Bolivia .....	19	--	--	--	--	2/	19	22	--	--	--	--	--	22
Brazil .....	1,193	2/	--	16	1	2	1,212	945	--	--	20	2	2	969
Chile .....	115	--	108	--	--	--	223	132	--	75	4	--	--	211
Colombia .....	--	--	--	1	--	--	1	--	--	--	1	--	--	1
Ecuador .....	--	--	--	--	--	--	--	--	--	--	2	--	--	2
Paraguay .....	56	--	--	--	--	--	56	48	--	--	--	--	--	48
Peru .....	365	2/	22	1	--	--	388	179	--	--	--	--	--	179
Uruguay .....	2/	--	2/	--	--	2/	2/	--	--	--	--	--	2/	2/
Venezuela .....	--	--	68	--	--	38	106	--	--	26	--	--	21	47
Total .....	1,748	2/	198	18	1	40	2,005	1,326	--	101	27	2	23	1,479
Western Europe:														
EC:														
Belgium and Luxembourg ..	48	2	139	9	8	172	378	20	3	138	3	2	115	281
France .....	21	--	5	--	--	1	27	16	--	3	--	--	1	20
Germany, West .....	1	--	99	2	3	24	129	7	--	106	27	2	8	150
Italy .....	417	--	2,004	142	167	13	2,743	400	--	2,205	31	27	10	2,673
Netherlands .....	78	15	226	30	--	186	535	37	5	299	43	--	146	530
Total .....	565	17	2,473	183	178	396	3,812	480	8	2,751	104	31	280	3,654
Other Western Europe:														
Austria .....	--	--	10	--	--	2	12	--	--	10	--	--	2	12
Cyprus .....	13	--	--	--	--	--	13	--	--	--	--	--	--	--
Denmark .....	--	--	1	--	--	2/	1	--	--	--	1	--	1	2
Greece .....	--	--	--	--	13	--	13	--	--	--	--	--	--	--
Norway .....	13	4	36	--	--	19	72	--	10	23	--	--	--	33
Portugal .....	--	--	11	--	--	--	11	22	--	17	--	--	--	39
Spain .....	--	--	757	--	--	18	775	--	--	725	3	--	70	798
Sweden .....	--	--	--	--	--	2/	2/	--	--	2	--	--	2/	2
Switzerland .....	10	1	2	--	--	2/	13	--	1	--	1	--	--	2
United Kingdom .....	132	--	86	--	--	74	292	11	--	198	--	--	39	248
Total .....	168	5	903	--	13	113	1,202	33	11	975	5	--	112	1,136
Eastern Europe:														
Hungary .....	--	--	12	--	--	--	12	--	--	--	--	--	--	--
USSR .....	--	--	191	--	--	--	191	--	--	1	--	--	25	26
Total .....	--	--	203	--	--	--	203	--	--	1	--	--	25	26
Total Europe .....	733	22	3,579	183	191	509	5,217	513	19	3,727	109	31	417	4,816
Asia:														
India .....	119	--	--	--	--	--	119	55	--	--	--	--	--	55
Israel .....	--	--	--	--	13	--	13	--	--	--	--	--	--	--
Japan .....	18	--	170	--	--	752	940	--	--	451	--	--	1,081	1,532
Lebanon .....	--	--	--	--	--	--	--	8	--	9	--	--	--	17
Rep. of China (Taiwan) .....	--	--	14	--	--	--	14	--	--	40	--	--	--	40
Turkey .....	12	--	--	--	--	--	12	--	--	--	--	--	--	--
Total .....	149	--	184	--	13	752	1,098	63	--	500	--	--	1,081	1,644
Africa:														
Algeria .....	24	--	--	--	--	--	24	40	--	--	--	--	--	40
Mauritania .....	--	--	--	--	--	--	--	--	--	--	--	--	2	2
Mozambique .....	12	--	--	--	--	--	12	--	--	--	--	--	--	--
Senegal .....	--	--	--	--	--	38	38	--	--	--	--	--	--	--
Tanzania .....	--	--	--	--	--	--	--	--	--	12	--	--	--	12
Total .....	36	--	--	--	--	38	74	40	--	12	--	--	2	54
World total .....	2,666	22	3,968	201	205	1,339	8,401	1,950	19	4,346	144	33	1,523	8,015

1/ Includes small quantities of millet. 2/ Less than 500 metric tons.

Foreign Agricultural Service  
Grain and Feed Division, CAB/SSS  
September 1970

Source: Compiled from El Cerealista



Rye exports dropped slightly to a total of 19,000 tons as compared to 22,000 last year.

Corn exports rose 10 percent over the previous year to 4.3 million tons. Italy was the largest market receiving 51 percent or 2.2 million tons. Spain and Japan were next receiving 725,000 and 451,000 tons, respectively.

Oats and barley showed sharp declines. A combined total of 177,000 thousand tons was exported as compared to 406,000 tons last year.

Sorghum exports rose 14 percent to a total of 1.5 million tons versus 1.4 million tons a year ago. Japan received 1.1 million tons or 71 percent of all sorghums shipped. The balance went mainly to Western Europe.

Rice exports at 83,000 tons were more than double last year's 33,000 ton level.

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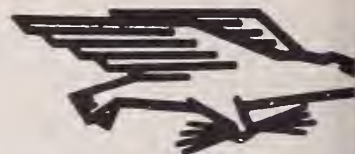
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## WORLD BREADGRAIN

### PRODUCTION SHOWS DECLINE

World production of wheat and rye in 1970 is estimated at 307 million metric tons, 9 million tons below last year, on the basis of information available to the Foreign Agricultural Service.

#### WHEAT

World wheat production is estimated at 280 million tons, 3 percent below the 1969 harvest, but 1 percent above the 1964-68 average. World wheat area is indicated 5 percent less than last year and 7 percent below the 5-year average.

The United States harvested a 37.0 million-ton crop, down 7 percent for the year and 14 percent below the 1968 record. U.S. area was 8 percent lower but yield was at a record level, mainly because of high performance in hard winter wheat areas.

Canada's wheat crop is reported at 9.2 million tons, compared with 18.6 million in 1969. Canadian area and production were both reduced by half under the influence of their wheat reduction program.

The West European wheat crop is placed at 43.6 million tons, down 4 percent. The French crop was off 11 percent mainly because of poor fall planting conditions. In Spain, the outturn was reduced by a cold spring and summer drought. The United Kingdom had a near-record crop on heavy fall plantings.

(Continued)



WHEAT: AREA, YIELD, AND PRODUCTION IN SPECIFIED COUNTRIES, AVERAGE 1964-68, ANNUAL 1969 AND 1970 <sup>1/</sup>

REGION AND COUNTRY	AVE.1964-68	AREA <sup>2/</sup> 1969	1970 <sup>3/</sup>	AVE.1964-68	YIELD 1969	1970 <sup>3/</sup>	AVE.1964-68	PRODUCTION 1969	1970 <sup>3/</sup>
	1,000 HA	1,000 HA	1,000 HA	QU/HA	QU/HA	QU/HA	1,000 MT	1,000 MT	1,000 MT
<b>NORTH AMERICA:</b>									
CANADA.....	11,915	10,104	5,052	15.2	18.4	18.2	18,071	18,623	9,208
GUATEMALA.....	37	40	40	7.8	9.0	7.0	29	36	28
MEXICO.....	776	715	---	23.2	28.0	---	1,798	2,000	---
UNITED STATES.....	21,305	19,245	17,629	17.6	20.6	21.0	37,513	39,703	37,009
TOTAL <sup>4/</sup> .....	34,032	30,105	23,436	16.9	20.1	20.6	57,411	60,362	48,345
<b>SOUTH AMERICA:</b>									
ARGENTINA.....	5,518	5,191	---	13.3	13.5	---	7,329	7,020	---
BRAZIL.....	441	1,000	---	8.6	11.0	---	379	1,100	---
CHILE.....	759	740	---	16.3	17.6	---	1,239	1,300	---
COLOMBIA.....	102	73	50	10.3	11.0	8.0	105	80	40
ECUADOR.....	65	80	75	9.0	8.8	10.7	58	70	80
PERU.....	150	150	150	9.4	9.3	10.0	141	140	50
URUGUAY.....	437	336	---	9.8	12.0	---	430	403	---
TOTAL <sup>4/</sup> .....	7,472	7,570	6,635	13.0	13.4	12.3	9,683	10,113	8,170
<b>WESTERN EUROPE</b>									
AUSTRIA.....	299	287	275	29.4	33.1	30.2	880	950	831
BELGIUM.....	211	199	182	38.6	38.2	38.4	814	761	699
DENMARK.....	107	97	113	44.6	44.2	40.0	477	429	452
FINLAND.....	247	227	227	19.1	22.7	22.7	471	515	515
FRANCE.....	4,164	4,047	3,758	33.5	35.9	34.4	13,962	14,535	12,936
GERMANY WEST.....	1,425	1,494	1,492	36.6	40.2	38.1	5,220	6,000	5,686
GREECE.....	1,062	1,010	920	17.9	17.3	21.7	1,897	1,752	2,000
IRELAND.....	76	81	92	32.7	39.8	38.0	249	322	350
ITALY.....	4,251	4,218	4,142	22.1	22.6	22.9	9,390	9,536	9,500
LUXEMBOURG.....	17	14	14	25.1	34.3	33.6	43	48	47
NETHERLANDS.....	153	155	152	45.5	43.8	40.8	696	679	620
NORWAY.....	4	4	4	31.5	27.5	30.0	13	11	12
PORTUGAL.....	607	563	568	9.2	8.0	8.0	556	452	455
SPAIN.....	4,159	3,744	3,697	11.9	12.5	10.8	4,939	4,691	4,000
SWEDEN.....	245	264	263	39.7	34.8	36.7	974	919	965
SWITZERLAND.....	102	97	95	36.1	37.5	38.9	368	364	370
UNITED KINGDOM.....	947	833	1,023	39.7	40.5	40.5	3,762	3,373	4,148
TOTAL.....	18,076	17,334	17,017	24.7	26.2	25.6	44,709	45,337	43,586
<b>EASTERN EUROPE</b>									
ALBANIA.....	116	---	---	8.8	---	---	102	---	---
BULGARIA.....	1,136	1,039	950	24.5	24.7	30.0	2,785	2,569	2,850
CZECHOSLOVAKIA.....	895	1,055	1,000	26.2	31.1	30.5	2,347	3,280	3,050
GERMANY EAST.....	502	560	575	36.1	35.5	35.0	1,812	1,987	2,012
HUNGARY.....	1,118	1,321	1,200	22.7	27.1	25.0	2,534	3,579	3,000
POLAND-DANZIG.....	1,693	1,965	1,980	21.7	24.0	23.2	3,674	4,716	4,600
POMANIA.....	2,941	2,756	2,300	17.3	15.8	17.9	5,099	4,345	4,117
YUGOSLAVIA.....	1,900	2,019	1,793	22.0	24.2	21.2	4,187	4,880	3,800
TOTAL <sup>4/</sup> .....	10,001	10,852	9,933	22.5	23.5	23.7	22,540	25,481	23,554
TOTAL EUROPE: <sup>4/</sup> .....	28,077	28,186	26,950	23.7	25.1	24.9	67,250	70,818	67,140
TOTAL U.S.S.R. <sup>5/</sup> .....	68,461	66,400	65,500	9.6	9.4	11.1	65,980	62,300	72,400
<b>AFRICA:</b>									
ALGERIA.....	1,975	1,323	---	6.2	10.6	---	1,224	1,400	---
ETHIOPIA.....	427	---	---	7.4	---	---	317	---	---
KENYA.....	141	164	---	13.1	12.8	---	185	210	---
MOROCCO.....	1,715	1,764	1,879	8.0	9.1	10.9	1,365	1,612	2,039
SOUTH AFRICA, REP OF.....	1,391	1,880	---	6.7	7.1	---	934	1,343	---
SUDAN.....	56	---	---	11.8	---	---	66	---	---
TUNISIA.....	900	650	750	4.4	4.6	7.7	393	300	580
UAR-EGYPT.....	543	589	600	26.5	25.8	---	1,441	1,518	---
TOTAL <sup>4/</sup> .....	7,148	6,872	7,716	8.3	10.0	9.9	5,926	6,863	7,629
<b>ASIA:</b>									
AFGHANISTAN.....	2,315	---	---	9.3	---	---	2,153	---	---
CHINA-MAINLAND.....	24,900	23,500	23,600	9.1	9.5	9.7	22,560	22,300	23,000
CYPRUS.....	63	61	40	10.7	13.9	7.5	67	85	30
INDIA.....	13,490	15,958	16,000	9.0	11.7	12.5	12,100	18,652	20,000
IRAN.....	2,080	4,600	4,700	16.4	8.5	8.1	3,418	3,900	3,800
IRAQ.....	2,554	209	---	14.2	56.9	54.5	3,626	1,189	---
ISRAEL.....	74	85	80	20.5	17.1	15.6	151	145	125
JAPAN.....	417	287	229	26.7	26.4	21.6	1,113	758	494
JORDAN.....	244	280	250	7.6	9.3	9.0	185	260	225
KOREA, REP OF.....	152	403	400	20.8	9.3	9.4	316	374	375
LEBANON.....	60	61	60	9.0	8.2	8.3	54	50	50
NEPAL.....	127	388	---	14.8	5.9	---	188	227	---
PAKISTAN.....	5,427	6,277	6,219	8.6	10.7	11.6	4,654	6,711	7,329
SYRIAN ARAB REP.....	1,251	---	---	5.5	---	---	690	---	---
TURKEY.....	7,494	8,300	8,100	10.7	10.0	9.3	8,006	8,300	7,506
TOTAL <sup>4/</sup> .....	60,547	63,767	63,632	9.8	10.4	10.6	59,281	66,451	67,743
<b>OCEANIA:</b>									
AUSTRALIA.....	8,539	9,451	---	12.2	11.5	---	10,431	10,835	---
NEW ZEALAND.....	97	111	---	33.4	26.1	---	324	290	---
TOTAL <sup>4/</sup> .....	8,636	9,562	---	12.5	11.6	---	10,755	11,124	---
TOTAL WORLD <sup>4/</sup> .....	214,474	212,462	200,961	12.9	13.6	13.9	276,285	288,031	279,790

1/ Years shown refer to year of harvest in the Northern Hemisphere. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus, the crop harvested in the Northern Hemisphere in 1970 is combined with preliminary forecasts for the Southern Hemisphere harvests, which begin late in 1970 and end early in 1971. 2/ Harvested area as far as possible. 3/ Preliminary. 4/ Estimated totals include allowances for producing countries not shown. 5/ Production estimated.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attaches and Foreign Service Officers, results of office research, and related information.

KYE: AREA, YIELD, AND PRODUCTION IN SPECIFIED COUNTRIES, AVERAGE 1964-68, ANNUAL 1969 AND 1970 1/

REGION AND COUNTRY	AREA 2/		YIELD		PRODUCTION		
	AVE. 1964-68	1969	1970 3/	AVE. 1964-68	1969	1970 3/	
	1,000 HA	1,000 HA	1,000 HA	QU/HA	1,000 MI	1,000 MI	1,000 MI
NORTH AMERICA:							
CANADA.....	285	37.	411	12.7	11.2	362	419
UNITED STATES.....	528	540	580	13.6	14.8	716	798
TOTAL.....	813	915	1,991	13.3	13.3	1,078	1,217
							1,515
SOUTH AMERICA:							
ARGENTINA.....	539	604	600	7.0	6.2	376	377
TOTAL.....	539	604	600	7.0	6.2	376	377
WESTERN EUROPE							
AUSTRIA.....	149	147	150	24.9	29.9	371	440
BELGIUM.....	32	22	22	30.4	33.2	97	73
DENMARK.....	61	39	40	30.8	32.3	188	126
FINLAND.....	95	74	74	16.2	18.9	154	140
FRANCE.....	196	158	150	18.4	20.2	361	319
GERMANY WEST.....	1,046	873	869	29.6	33.1	3,096	2,889
GREECE.....	14	8	6	11.3	8.8	16	7
ITALY.....	47	38	36	17.7	18.7	83	71
LUXEMBOURG.....	3	1	1	24.0	50.0	7	5
NETHERLANDS.....	85	62	58	33.4	33.4	255	207
NORWAY.....	1	1	1	22.0	30.0	2	3
PORTUGAL.....	278	236	221	6.4	7.1	179	167
SPAIN.....	391	333	306	8.9	10.5	350	348
SWEDEN.....	54	70	76	29.1	25.4	157	178
SWITZERLAND.....	16	15	14	35.5	26.7	57	40
UNITED KINGDOM.....	5	4	5	31.6	27.5	16	11
TOTAL.....	2,471	2,081	2,029	21.8	24.1	5,389	5,024
							4,607
EASTERN EUROPE							
BULGARIA.....	40	24	24	11.7	11.7	47	28
CZECHOSLOVAKIA.....	374	274	250	21.4	24.5	801	672
GERMANY EAST.....	779	690	670	24.1	22.4	1,878	1,544
HUNGARY.....	221	183	160	11.6	12.8	255	234
POLAND-DANZIG.....	4,334	4,174	3,500	18.0	19.6	7,781	8,200
ROMANIA.....	78	45	45	11.3	11.1	88	50
YUGOSLAVIA.....	143	124	120	11.4	10.9	163	135
TOTAL.....	5,969	5,514	4,769	18.5	19.7	11,013	10,863
							8,535
TOTAL EUROPE.....	8,440	7,595	6,798	19.4	20.9	16,402	15,887
							13,142
TOTAL U.S.S.R. 4/.....	14,221	9,200	11,000	9.0	10.7	12,800	9,800
							11,506
ASIA:							
TURKEY.....	717	700	680	10.5	11.0	752	770
TOTAL.....	717	700	680	10.5	11.0	752	770
							750
TOTAL WORLD.....	24,730	19,014	20,068	12.7	14.8	31,408	28,051
							27,282

1/ Years shown refer to year of harvest in the Northern Hemisphere. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus, the crop in the Northern Hemisphere in 1970 is combined with preliminary forecasts for the Southern Hemisphere harvests, which begin late in 1970 and end early in 1971. 2/ Harvested area as far as possible. 3/ Preliminary. 4/ Production estimated.

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The East European harvest is estimated 8 percent below 1969 at 23.6 million tons. Wet spring weather reduced the output in several countries. Yugoslavia suffered from dry fall planting conditions.

The USSR wheat crop, estimated at 72.4 million tons, showed a sharp improvement from last year. Soviet winter wheat yields were at near record levels, and the spring seeded areas had good moisture through mid-season although the crop was relatively late.

The Asian crop is indicated moderately higher at 67.7 million tons. Mainland China, India and Pakistan all had larger harvests. The Turkish crop was reduced by drought.

It is early to forecast production in the Southern Hemisphere. However, in Australia and Argentina crops much smaller than in 1969 are indicated. Argentine acreage is down about one-fourth as were planting intentions in Australia. Drought has hampered planting in both countries.

#### RYE

World rye production in 1970 is estimated at 27.3 million tons, down 3 percent.

The Canadian rye crop at 596,000 tons was 42 percent above last year as both area and yield were sharply higher. The U.S. harvest was up 15 percent at 919,000 tons. This was 28 percent above the 1964-68 average.

The West European outturn was 8 percent lower at 4.6 million tons. West Germany produced 2.7 million tons, down 8 percent from reduced yield.

The Polish rye crop was off 26 percent at 6.1 million tons, a result of severe winter and spring weather conditions.

The Soviet rye harvest is estimated at 11.5 million tons, up 17 percent.



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FG 24-70  
November 1970

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RICHARD E. BELL NAMED  
GRAIN DIVISION DIRECTOR

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Richard E. Bell, Chief of the Foreign Marketing Branch, Grain and Feed Division, Foreign Agricultural Service since 1967, has been appointed Director of the Division. He succeeds Clarence (Clancy) V. Jean, who has been named Agricultural Attache to Korea.

As Grain and Feed Division Director, Mr. Bell will have responsibility for export and commodity analysis, foreign competition, and market development for feed grains, wheat and flour, rice, pulses, and seeds. There are active cooperators in market development efforts in all of these commodities. Wheat and feed grains are among the leading U.S. agricultural exports.

Mr. Bell joined the Foreign Agricultural Analysis Division of FAS in 1959, and in 1961 went to Ottawa as Assistant Agricultural Attache. He served as Assistant Agricultural Attache in Brussels from 1963-65, and was assigned to Dublin as Agricultural Attache from 1965-67.

The new Director, who is a native of Clinton, Illinois, has B.S. and M.S. degrees in agricultural economics from the University of Illinois. He did graduate work at the University of Maryland, and was a staff assistant at this school in 1958-59.

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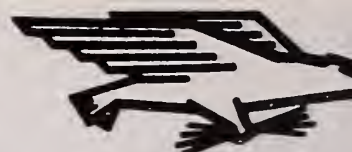
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## JAPANESE GRAIN TRADE INCREASED

1.8 MILLION TONS DURING FY 1970

CURRENT SERIAL RECORDS

Imports of all grains by Japan increased 12.5 percent (14.5 million metric tons versus 12.9 million a year earlier). Exports, small in comparison to imports, registered an increase of over 50 percent (471,000 tons versus 305,000 tons a year earlier). Corn and sorghum showed the most significant increases on the import side, while a gain in rice exports more than offset a decline in flour shipments on the export side.

Japan: Summary of Grain Trade  
- - - 1,000 Metric Tons - - -

	IMPORTS					EXPORTS			
	1968-69	1969-70	+ or -	::		1968-69	1969-70	+ or -	::
Wheat 1/	4,183	4,424	+ 241	::		82	57	- 25	::
Feedgrains	8,470	10,007	+1,537	::		-	-	-	::
Corn	(5,287)	(5,975)	(+ 688)	::		-	-	-	::
Sorghum	(2,500)	(3,288)	(+ 728)	::		-	-	-	::
Barley	( 639)	( 703)	(+ 64)	::		-	-	-	::
Oats	( 44)	( 101)	(+ 57)	::		-	-	-	::
Rye	48	43	- 5	::		-	-	-	::
Rice	189	40	- 149	::		223	414	+ 191	::
Total	12,890	14,514	+1,624	::		305	471	+ 166	::

1/ Imports are almost entirely grain, while exports are virtually all flour.

### IMPORTS

Wheat imports increased 6 percent during FY 1970 to 4.4 million tons. The United States supplied 2.3 million of this total, a 25-percent increase over the previous year when the U.S. market share was reduced because of the Amylo problem. The other major suppliers, Canada and Australia,

(Continued)

suffered declines from the high levels achieved the previous year when the U.S. share was abnormally low.

The growth in feedgrain imports in recent years has been dramatic, increasing at a rate from 10 - 20 percent annually to just over 10 million tons in 1970. The increase of 1.5 million tons during 1970 was nearly double the previous year's expansion, but slightly less than the 1.6-million-ton jump between 1967 and 1968.

The U.S. share of feedgrain imports in 1970 was 6.5 million tons, a gain of 2.1 million over the past year. Argentina also gained, moving up nearly 1 million tons to 1.5 million tons. Imports from South Africa were down sharply to only 189,000 tons, a 1.3-million ton drop from 1969. This decline was due mainly to reduced export availabilities because of two successive drought reduced harvests. The Mexican share was also down, totaling 199,000 tons versus 491,000 the year before. Again the primary cause was smaller supplies due to drought problems.

Imports of rye remained relatively insignificant at 43,000 tons -- a slight decline from a year ago. Practically all of this was from Canada.

Rice imports continued their sharp decline of recent years and stood at only 40,000 tons in 1970, most of which came from Thailand. Surplus rice production, stimulated by very high support prices, has been a major agricultural problem for Japan in recent years. In fact, there is a program underway to reduce rice production, hopefully by over 1 million tons this year.

#### EXPORTS

Another effort to reduce the mounting rice surplus has been stepped up rice exports -- rice shipments were 414,000 tons greater in FY 1970 than during the year earlier. Exports to South Korea amounted to 257,000 tons and accounted for 70 percent of the total. Pakistan received 100,000 tons from Japan.

Wheat flour (grain equivalent) exports totaled 57,000 tons, a decrease of 25,000 tons from a year earlier. Hong Kong and Indonesia continued as the main destinations.



WHEAT AND FLOUR: Japan's imports by country of origin,  
July-June 1968-69 and July-June 1969-70

Country of origin	July-June 1968-69				July-June 1969-70				+ or -
	Wheat	Flour 1/	Total	Wheat	Flour 1/	Total			
North America:									
United States	1,000	1,000	1,000	1,000	1,000	1,000			1,000
	m. t.	m. t.	m. t.	m. t.	m. t.	m. t.			m. t.
Canada	1,824	2/	1,824	2,278	2/	2,278			454
	1,154	2/	1,154	1,118	2/	1,118			36
Mexico	--	--	--	2	--	2			2
Total	2,978	2/	2,978	3,398	2/	3,398			420
South America:									
Argentina	18	--	18	--	--	--			18
Europe:									
France	28	--	28	37	--	37			9
Bulgaria	--	--	--	7	--	7			7
Total	28	--	28	44	--	44			16
Australia	1,159	--	1,159	982	2/	982			177
World total	4,183	2/	4,183	4,424	2/	4,424			241

1/ Grain equivalent.  
2/ Less than 500 metric tons.

Foreign Agricultural Service  
Grain and Feed Division, CAB/SSS  
August 1970

Source: Japan Exports and Imports

FEEDGRAINS: Japan's imports by country of origin, July-June 1968-69 and July-June 1969-70

Country of origin	Corn		Sorghum		Barley		Oats		Total Feedgrains	
	1968-69	1969-70	1968-69	1969-70	1968-69	1969-70	1968-69	1969-70	1968-69	1969-70
	m. t.	m. t.	m. t.	m. t.	m. t.	m. t.	m. t.	m. t.	m. t.	m. t.
North America:										
United States	2,558	4,536	1,801	1,948	9	6	1/	1	1,368	6,491
Canada	--	--	16	21	23	242	--	--	39	263
Mexico	440	197	51	2	--	--	--	--	491	199
Bermuda	--	--	--	2	--	--	--	--	--	2
Total	2,998	4,733	1,868	1,973	32	248	1/	1	1,898	6,955
South America:										
Argentina	69	337	461	1,167	--	--	--	--	530	1,504
Brazil	--	13	3	--	--	--	--	--	3	13
Total	69	350	464	1,167	--	--	--	--	533	1,517
Western Europe:										
France	--	--	--	--	468	337	--	--	468	337
Africa:										
Kenya	41	1	--	--	--	--	--	--	41	1
Mozambique	122	86	--	--	--	--	--	--	122	86
South Africa, Republic of	1,444	183	62	6	--	--	--	--	1,506	189
Sudan	--	--	4	--	--	--	--	--	4	--
Total	1,607	270	66	6	--	--	--	--	1,673	276
Asia:										
Cambodia	14	14	--	--	--	--	--	--	14	14
China, Mainland	34	--	16	14	--	--	--	--	50	14
Indonesia	35	30	--	--	--	--	--	--	35	30
Korea, North	9	30	--	--	--	--	--	--	9	30
Korea, Republic of	--	--	3	7	--	--	--	--	3	7
Thailand	521	548	15	28	--	--	--	--	536	576
Total	613	622	34	49	--	--	--	--	647	671
Australia	--	--	68	33	139	117	44	100	251	250
Other countries	--	--	--	--	--	1	--	--	--	1
World Total	5,287	5,975	2,500	3,228	639	703	141	101	8,470	10,007
										1,537

1/ Less than 500 metric tons.

Foreign Agricultural Service  
Grain and Feed Division, CAB/SSS  
August 1970

Source: Japan Exports and Imports

RICE: Japan's imports by country of origin,  
July-June 1968-69 and July-June 1969-70

Country of origin	July-June		+ or -
	1968-69	1969-70	
	1,000 m. t.	1,000 m. t.	1,000 m. t.
United States .....	2	2	0
Thailand .....	61	38	- 23
Taiwan .....	45	--	- 45
China, Mainland .....	81	--	- 81
World total .....	189	40	- 149

Foreign Agricultural Service  
Grain and Feed Division, CAB/SSS  
August 1970

Source: Japan Exports and Imports



RICE: Japan's exports by country of destination,  
July-June 1968-69 and July-June 1969-70

Destination	July-June		+ or -
	1968-69	1969-70	
	1,000	1,000	1,000
	<u>m. t.</u>	<u>m. t.</u>	<u>m. t.</u>
Indonesia .....	--	32	+ 32
Korea, South .....	222	257	+ 35
Pakistan .....	--	100	+ 100
Ryukyu Islands .....	--	20	+ 20
Nigeria .....	--	5	+ 5
Other countries .....	1	--	- 1
World total .....	223	414	+ 191

Grain and Feed Division, CAB/SSS  
November 1970

Source: Japan Exports and Imports

WHEAT FLOUR 1/: Japan's exports by country of destination,  
July-June 1968-69 and July-June 1969-70

Destination	July-June		+ or -
	1968-69	1969-70	
	1,000 m. t.	1,000 m. t.	1,000 m. t.
Hong Kong .....	21	25	+ 4
Indonesia .....	38	24	- 14
Laos .....	2	2	0
Ryukyu Islands .....	2	1	- 1
Singapore .....	3	1	- 2
Vietnam, South .....	16	2	- 14
Other countries .....	--	2	+ 2
World total .....	82	57	- 25

1/ Grain equivalent.

Grain and Feed Division, CAB/SSS  
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Source: Japan Exports and Imports

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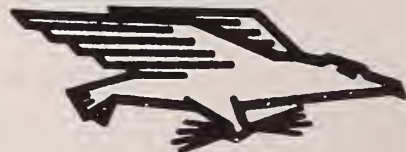
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## CANADIAN GRAIN EXPORTS UP 11 PERCENT

### IN 1969-70; CORN IMPORTS OFF

Canada's grain exports during July-June 1969-70 totaled 10.4 million metric tons, nearly 1.1 million tons more than in 1968-69. Barley exports (including malt) were up 763,000 tons to dominate the gain. Corn imports declined 17 percent to 667,000 tons, while rice imports were slightly higher at 44,000 tons.

### CANADA: Grain Trade Summary, FYs 1969-70

	July-June 1968-69	July-June 1969-70	+ or -
- - - - - 1,000 M.T. - - - - -			
<u>Exports:</u>			
Wheat and flour	8,693	8,935	+ 242
Wheat (mil. bu.)	( 296)	( 300)	
Flour (mil. bu.)	( 23)	( 28)	
Rye	105	108	+ 3
Barley (incl. malt)	498	1,261	+ 763
Oats	44	88	+ 44
Total exports	9,340	10,392	+ 1,052
<u>Imports:</u>			
Corn	799	667	- 132
Rice	40	44	+ 4
Total imports	839	711	- 128
Net trade	8,501	9,681	+ 1,180

(Continued)

Wheat and flour exports at 8.9 million tons during 1969-70 were 3 percent above the previous year. Large markets prevail in this trade. Mainland China took 1.8 million tons, down 267,000; the United Kingdom took 1.4 million tons, down 200,000; and Japan received 1.1 million tons, off 178,000. Shipments to the USSR at 1.1 million tons were nearly a million over 1968-69. Exports to India were less than half at 310,000 tons. Cuba was the principal flour market at 410,000 tons, representing over one-half of total shipments.

Rye exports were 108,000 tons in 1969-70, slightly higher than the year before.

Barley exports (including malt) increased two and one-half times at 1.3 million tons. Japan, Poland, the United Kingdom and Italy were the principal expanding markets. Oat exports at 88,000 tons were just double those of the previous year, mainly due to increased exports to West Germany and the Netherlands.

WHEAT AND WHEAT FLOUR: Canadian exports by country of destination,  
July-June 1968-69 and July-June 1969-70

Destination	July-June 1968-69			July-June 1969-70			+ or -
	Wheat	Flour	Total	Wheat	Flour	Total	
	(Grain equivalent)	(Grain equivalent)		(Grain equivalent)	(Grain equivalent)		
	1,000 m. t.	1,000 m. t.	1,000 m. t.	1,000 m. t.	1,000 m. t.	1,000 m. t.	1,000 m. t.
<b>Western Hemisphere:</b>							
United States .....	--	13	13	32	11	43	30
Bahamas .....	--	8	8	--	7	7	1
Barbados .....	--	8	8	--	8	8	0
Bermuda .....	--	3	3	--	3	3	0
Cuba .....	58	307	365	119	410	529	164
Haiti .....	9	8	17	32	1/	32	15
Jamaica .....	32	5	37	32	4	36	1
Leeward and Windward Islands ...	--	22	22	--	21	21	1
Trinidad and Tobago .....	--	17	17	--	25	25	8
Ecuador .....	14	--	14	8	--	8	6
Guyana .....	--	2	2	--	1	1	1
Peru .....	--	1/	1/	158	--	158	158
Venezuela .....	72	1/	72	51	--	51	21
Others .....	7	8	15	--	10	10	5
Total .....	192	401	593	432	500	932	339
<b>Western Europe:</b>							
<b>EC:</b>							
Belgium and Luxembourg .....	202	3	205	248	2	250	45
France .....	124	--	124	69	1/	69	55
Germany, West .....	361	--	361	254	--	254	107
Italy .....	369	1	370	398	1	399	29
Netherlands .....	152	1/	152	200	1/	200	48
Total .....	1,208	4	1,212	1,169	3	1,172	40
<b>Other Western Europe:</b>							
Austria .....	21	--	21	10	--	10	11
Finland .....	17	--	17	--	--	--	17
Greece .....	--	2	2	--	2	2	0
Ireland .....	29	1/	29	26	--	26	3
Malta .....	16	--	16	20	--	20	4
Norway .....	16	--	16	78	--	78	62
Portugal .....	--	1	1	23	2	25	24
Sweden .....	3	1/	3	2	1/	2	1
Switzerland .....	146	--	146	104	--	104	42
United Kingdom .....	1,523	67	1,590	1,325	65	1,390	200
Others .....	1	--	1	1	--	1	0
Total .....	1,772	70	1,842	1,589	69	1,658	184
<b>Eastern Europe:</b>							
Albania .....	60	--	60	55	--	55	5
Bulgaria .....	--	--	--	52	--	52	52
Hungary .....	83	--	83	--	--	--	83
Poland .....	178	--	178	71	--	71	107
USSR .....	147	--	147	1,105	--	1,105	958
Total .....	468	--	468	1,283	--	1,283	815
Total Europe .....	3,448	74	3,522	4,041	72	4,113	591
<b>Asia:</b>							
Burma .....	--	1/	1/	--	33	33	33
Ceylon .....	--	24	24	--	35	35	11
China, Mainland .....	2,097	--	2,097	1,830	--	1,830	267
Hong Kong .....	23	9	32	22	7	29	3
India .....	728	1/	728	310	1/	310	418
Indonesia .....	1	18	19	--	19	19	0
Iraq .....	1/	1	1	15	13	28	27
Israel .....	14	6	20	--	--	--	20
Japan .....	1,246	1/	1,246	1,068	1/	1,068	178
Korea, Republic of .....	--	1/	1/	37	1/	37	37
Lebanon .....	--	12	12	--	15	15	3
Malaysia .....	13	--	13	14	--	14	1
Pakistan .....	75	--	75	62	--	62	13
Saudi Arabia .....	--	1	1	--	13	13	12
Syria .....	55	2	57	79	--	79	22
Thailand .....	--	5	5	--	4	4	1
Taiwan .....	14	--	14	28	1/	28	14
Others .....	6	1	7	9	--	9	2
Total .....	4,272	79	4,351	3,474	139	3,613	738
<b>Africa:</b>							
Algeria .....	49	2	51	42	1/	42	9
Congo (Kinshasa) .....	1	1	2	3	1	4	2
Ghana .....	44	36	80	57	8	65	15
Gambia .....	--	2	2	--	2	2	0
Guinea .....	--	3	3	--	2	2	1
Liberia .....	--	5	5	--	7	7	2
Mauritania .....	1/	--	1/	2	--	2	2
Mozambique .....	--	2	2	--	2	2	0
Morocco .....	--	--	--	23	1/	23	23
Niger .....	19	--	19	--	--	--	19
Portuguese Africa, n.e.c. ....	--	2	2	--	3	3	1
Sudan .....	1	--	1	5	4	9	8
Tanzania .....	3	1/	3	1	1	2	1
Tunisia .....	19	1/	19	48	--	48	29
Togo .....	--	4	4	--	4	4	0
United Arab Republic .....	--	21	21	41	16	57	36
Others .....	7	5	12	2	2	4	8
Total .....	143	83	226	224	52	276	50
Oceania .....	--	1	1	--	1	1	0
World total .....	8,055	638	8,693	8,171	764	8,935	242

1/ Less than 500 metric tons.

Foreign Agricultural Service  
Grain and Feed Division, CAB/SSS  
October 1970

Source: Wheat Review, Dominion Bureau of Statistics.



RYE: Canadian exports by country of destination,  
July-June 1968-69 and July-June 1969-70

Destination	July-June 1968-69	July-June 1969-70	+ or -
	1,000 <u>m. t.</u>	1,000 <u>m. t.</u>	1,000 <u>m. t.</u>
Western Hemisphere:			
United States .....	18	37	+ 19
Mexico .....	<u>1/</u>	--	--
Venezuela .....	<u>1/</u>	<u>1/</u>	--
Total .....	18	37	+ 19
Western Europe:			
EC:			
Germany, West .....	--	1	+ 1
Netherlands .....	3	12	+ 9
Total .....	3	13	+ 10
Other Western Europe:			
Denmark .....	--	4	+ 4
Norway .....	24	--	- 24
United Kingdom .....	14	11	- 3
Total .....	38	15	- 23
Total Europe .....	41	28	- 13
Asia:			
Japan .....	46	43	- 3
World total .....	105	108	+ 3

1/ Less than 500 metric tons.

Foreign Agricultural Service  
Grain and Feed Division, CAB/SSS  
October 1970

Source: Compiled from records of Trade of Canada, Dominion Bureau of Statistics.

BARLEY AND OATS: Canadian exports by country of destination,  
July-June 1968-69 and July-June 1969-70

Destination	July-June 1968-69			July-June 1969-70			+ or -
	Oats	Barley 1/	Total	Oats	Barley 1/	Total	
	1,000 m. t.	1,000 m. t.	1,000 m. t.	1,000 m. t.	1,000 m. t.	1,000 m. t.	
Western Hemisphere:							
United States .....	17	167	184	17	202	219	35
Puerto Rico .....	2	--	2	1	--	1	1
Panama .....	1	2/	1	1	2/	1	0
Jamaica .....	1	--	1	1	--	1	0
Colombia .....	--	--	--	--	26	26	26
Peru .....	--	--	--	--	6	6	6
Venezuela .....	4	2/	4	5	2/	5	1
Others .....	2	2/	2	1	--	1	1
Total .....	27	167	194	26	234	260	66
Western Europe:							
EC:							
Belgium and Luxembourg .....	--	--	--	--	1	1	1
Germany, West .....	--	--	--	35	22	57	57
Italy .....	--	--	--	--	115	115	115
Netherlands .....	--	--	--	18	--	18	18
Total .....	--	--	--	53	138	191	191
Other Western Europe:							
Ireland .....	4	--	4	2	--	2	2
United Kingdom .....	3	179	182	5	324	329	147
Others .....	--	1/	1/	1/	--	1/	0
Total .....	7	179	186	7	324	331	145
Eastern Europe:							
Poland .....	--	--	--	--	117	117	117
Total .....	--	--	--	--	117	117	117
Total Europe .....	7	179	186	60	579	639	453
Asia:							
Israel .....	--	32	32	--	84	84	52
Japan .....	--	16	16	--	253	253	237
Syria .....	5	--	5	2	--	2	3
Others .....	1/	1/	1/	1/	--	1/	0
Total .....	5	48	53	2	337	339	286
Africa:							
Tunisia .....	--	--	--	--	21	21	21
United Arab Republic .....	5	--	5	--	--	--	5
Total .....	5	--	5	--	21	21	16
Oceania:							
Australia .....	--	14	14	--	--	--	14
U.S. Oceania .....	--	3	3	--	8	8	5
Total .....	--	17	17	--	8	8	9
World total .....	44	411	455	88	1,179	1,267	812
Seed:							
USA .....	6	--	6	4	--	4	2
Mexico .....	1/	--	1/	--	--	--	1/
Grand total .....	50	411	461	92	1,179	1,271	810

1/ Does not include barley malt exports which totaled 87,000 and 82,000 tons, respectively, in FYs 1969 and 1970.  
2/ Less than 500 metric tons.

Foreign Agricultural Service  
Grain and Feed Division, CAB/SSS  
October 1970

Source: Compiled from records of Trade of Canada, Dominion Bureau of Statistics.

CORN AND RICE: Canadian imports by country of origin,  
July-June 1968-69 and July-June 1969-70

CORN				
Country of Origin	July-June 1968-69	July-June 1969-70	+ or -	
	Metric Tons	Metric Tons		
United States . . . . .	799	667	- 132	
Total. . . . .	799	667	- 132	

RICE				
Country of Origin	July-June 1968-69	July-June 1969-70	+ or -	
	Metric Tons	Metric Tons		
United States . . . . .	39	42	+ 3	
Brazil . . . . .	--	1	+ 1	
Australia . . . . .	1	--	- 1	
Others. . . . .	1/	1	+ 1	
Total. . . . .	40	44	+ 4	

1/ Less than 500 metric tons.

Grain and Feed Division, CAB/SSS

Source: Compiled from records of the Trade of Canada, Dominion Bureau of Statistics.





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## AUSTRALIA'S GRAIN EXPORTS

CURRENT SERIAL RECORDS

### GAIN ONE-THIRD IN FY 1970

Australian exports of all grains during July-June 1969-70 totaled 8.4 million metric tons. This represented an increase of 2.1 million tons over the previous year, practically all of it wheat.

#### AUSTRALIA: Grain Exports Summary, FYs 1969-70

	FY 1969	FY 1970	+ or -
	1,000 M.T.		
Wheat	4,891	6,918	+ 2,027
Wheat flour	437	407	- 30
Total	5,328	7,325	+ 1,997
Barley	451	641	+ 190
Oats	334	209	- 125
Sorghum	78	67	- 11
Total	863	917	+ 54
Rice	106	108	+ 2
GRAND TOTAL	6,297	8,350	+ 2,053

Wheat and flour exports of 7.3 million tons in 1969-70, were 37 percent higher than the 1968-69 performance.

Exports to Mainland China, at 2.5 million tons, more than doubled for a gain of over 1.3 million. Shipments to the United Kingdom were up 29 percent to 1.1 million tons. Smaller gains of about 100,000 tons each occurred in sales to Pakistan and Singapore while Japan took 133,000 less.

Feedgrain exports during July-June 1969-70 totaled 917,000 tons, 54,000 tons larger than the year before.

Shipments to EC countries at 241,000 tons, were down 51,000 tons, entirely in oats. Sales to the United Kingdom reached 258,000 tons (mainly barley) for a 73,000-ton gain.

Rice exports totaled 108,000 tons, as against 106,000 in 1968-69. A decline of 8,000 tons to Okinawa was more than offset by a 21,000-ton gain to Indonesia.



WHEAT AND FLOUR: Australian exports by country of destination,  
July-June 1968-69 and July-June 1969-70

Destination	July-June 1968-69			July-June 1969-70			+ or -
	Wheat	Flour <sup>1/</sup>	Total	Wheat	Flour <sup>1/</sup>	Total	
	1,000	1,000	1,000	1,000	1,000	1,000	1,000
	m. t.	m. t.	m. t.	m. t.	m. t.	m. t.	m. t.
Western Hemisphere:							
Barbados .....	--	2	2	--	1	1	1
Chile .....	105	--	105	79	--	79	26
Colombia .....	22	--	22	--	--	--	22
Guyana .....	--	6	6	--	2/	2/	6
Peru .....	154	--	154	150	--	150	4
Total .....	281	8	289	229	1	230	59
Western Europe:							
EC:							
Netherlands .....	162	--	162	186	--	186	24
Total .....	162	--	162	186	--	186	24
Other Western Europe:							
Ireland .....	17	--	17	--	--	--	17
Malta .....	25	--	25	14	--	14	11
Norway .....	87	--	87	58	--	58	29
United Kingdom .....	773	11	784	1,091	10	1,101	317
Total .....	902	11	913	1,163	10	1,173	260
Total Europe .....	1,064	11	1,075	1,349	10	1,359	284
Asia:							
Sino-Bloc:							
China, Mainland .....	1,182	--	1,182	2,517	--	2,517	1,335
North Korea .....	95	--	95	67	--	67	28
Total .....	1,277	--	1,277	2,584	--	2,584	1,307
Other Asia:							
Bahrein .....	--	1	1	--	1	1	0
Ceylon .....	24	179	203	71	123	194	9
Hong Kong .....	60	2	62	56	1	57	5
India .....	76	--	76	118	--	118	42
Indonesia .....	--	73	73	--	82	82	9
Japan .....	1,147	--	1,147	1,014	--	1,014	133
Kuwait .....	68	--	68	82	--	82	14
Korea, Republic of .....	10	--	10	--	--	--	10
Lebanon .....	86	--	86	85	--	85	1
Malaysia .....	253	1	254	283	1	284	30
Muscat and Oman .....	3	7	10	5	7	12	2
Pakistan .....	24	--	24	150	--	150	126
Philippines .....	18	2	20	30	3	33	13
Qatar .....	--	6	6	--	7	7	1
Saudi Arabia .....	42	15	57	71	10	81	24
Singapore .....	107	--	107	209	--	209	102
Southern Yemen, Rep. of .....	28	10	38	42	6	48	10
Taiwan .....	39	--	39	25	--	25	14
Thailand .....	48	6	54	41	5	46	8
Timor .....	--	2	2	--	2	2	0
Trucial States .....	1	14	15	1	20	21	6
Yemen .....	14	--	14	18	--	18	4
Total .....	2,048	318	2,366	2,301	268	2,569	203
Total Asia .....	3,325	318	3,643	4,885	268	5,153	1,510
Africa:							
Libya .....	--	11	11	--	14	14	3
Malawi .....	18	8	26	14	11	25	1
Mauritius .....	--	21	21	--	23	23	2
Mozambique .....	15	--	15	59	--	59	44
Rhodesia .....	78	--	78	57	--	57	21
Seychelles .....	--	2	2	--	1	1	1
Sudan .....	--	--	--	--	--	--	0
Zambia .....	39	--	39	57	--	57	18
Total .....	150	42	192	187	49	236	44
Oceania:							
British Western Pacific Islands .....	1	23	24	1	29	30	6
New Zealand .....	5	--	5	15	--	15	10
Papua and New Guinea .....	--	19	19	--	23	23	4
Others .....	--	8	8	--	3	3	5
Total .....	6	50	56	16	55	71	15
Other countries .....	65	8	73	252	24	276	203
World total .....	4,891	437	5,328	6,918	407	7,325	1,997

<sup>1/</sup> Grain equivalent. <sup>2/</sup> Less than 500 metric tons.

Foreign Agricultural Service  
Grain and Feed Division, CAB/SSS  
October 1970

FEEDGRAINS: Australia's exports by country of destination, July-June 1968-69 and July-June 1969-70

Destination	July-June 1968-69				July-June 1969-70				+ or -
	Sorghum	Barley	Oats	Total	Sorghum	Barley	Oats	Total	
	1,000 m. t.	1,000 m. t.	1,000 m. t.	1,000 m. t.	1,000 m. t.	1,000 m. t.	1,000 m. t.	1,000 m. t.	1,000 m. t.
Western Hemisphere:									
United States .....	--	22	--	22	--	3	--	3	19
Peru .....	--	--	1	1	--	--	--	--	1
Others .....	1/	--	1	1	1/	--	1/	1/	1
Total .....	1/	22	2	24	1/	3	1/	3	21
Western Europe:									
EC:									
Belgium-Luxembourg .....	1/	--	--	1/	1	--	--	1	1
France .....	1/	--	--	1/	1	--	--	1	1
Germany, West .....	1/	3	87	90	1	28	46	75	15
Italy .....	1	58	39	98	2	95	25	122	24
Netherlands .....	1	20	83	104	1	--	41	42	62
Total .....	2	81	209	292	6	123	112	241	51
Other Europe:									
United Kingdom .....	4	142	39	185	2	250	6	258	73
Others .....	1	--	--	1	1	--	--	1	0
Total .....	5	142	39	186	3	250	6	259	73
Total Europe .....	7	223	248	478	9	373	118	500	22
Asia:									
Japan .....	70	138	62	270	55	131	84	270	0
Malaysia .....	1/	1/	10	10	1/	1/	5	5	5
Saudi Arabia .....	--	1/	1/	1/	1	9	1/	10	10
Singapore .....	1/	1/	9	9	1/	1/	2	2	7
Thailand .....	--	--	--	--	--	8	--	8	8
Taiwan .....	--	57	1/	57	--	97	--	97	40
Others .....	--	8	2	10	1	10	--	11	1
Total .....	70	203	83	356	57	255	91	403	47
Africa:									
Mozambique .....	1/	1	1/	1	1/	1/	1/	1/	1
South Africa, Republic of .....	1/	1	--	1	1/	8	--	8	7
Others .....	1/	--	1	1	1/	1	1/	1	0
Total .....	1/	2	1	3	1/	9	1/	9	6
Oceania:									
New Zealand .....	1	--	1/	1	1	1/	--	1	0
Others .....	--	1	1/	1	1/	1	1/	1	0
Total .....	1	1	1/	2	1	1	1/	2	0
World total .....	78	451	334	863	67	641	209	917	54
Equivalent 1,000 bushels .....	3,071	20,714	23,011		2,638	29,441	14,399		

1/ Less than 500 metric tons.

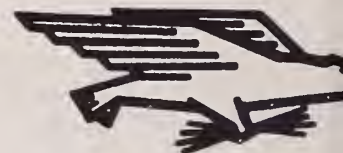
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Note: Corn for July-June 1968-69 less than 500 metric tons. For July-June 1969-70 was 681 metric tons.



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RICE: Australian exports by country of destination  
July-June 1968-69 and July-June 1969-70

Destination	July-June 1968-69	July-June <u>2</u> / 1969-70	+ or -
	1,000 m.t.	1,000 m.t.	1,000 m.t.
Western Hemisphere:			
Canada . . . . .	1	--	- 1
Western Europe:			
EC:			
Netherlands . . . . .	1	<u>1</u> /	- 1
Other Europe:			
United Kingdom . . . .	12	13	+ 1
Other Countries . . . .	--	<u>1</u> /	--
Total Other Europe:	12	13	+ 1
Total Europe	13	13	--
Asia:			
Hong Kong . . . . .	6	7	+ 1
India . . . . .	10	<u>1</u> /	+ 10
Indonesia . . . . .	--	21	+ 21
Malaysia . . . . .	1	<u>1</u> /	+ 1
Okinawa . . . . .	22	14	- 8
Singapore . . . . .	5	6	+ 1
Other Countries . . . . .	<u>1</u> /	1	- 1
Total Asia . . . . .	44	49	+ 5
Africa:	<u>1</u> /	<u>1</u> /	--
Oceania:			
New Hebrides . . . . .	3	3	--
Solomon Island . . . . .	2	2	--
Papua-New Guinea . . . .	30	31	+ 1
New Zealand . . . . .	2	2	--
Guam Island . . . . .	3	2	- 1
Other Oceania . . . . .			
Total Oceania . . . . .	48	46	- 2
World Total . . . . .	106	108	+ 2

1/ Less than 500 tons.

2/ Preliminary

Foreign Agricultural Service  
Grain and Feed Division, CAB/SSS  
October 1970

Source: Overseas Trade Special Returns



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GRAIN  
FG 28-70  
December 1970

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CURRENT SERIAL RECORDS

U.K.'S GRAIN IMPORTS INCREASE  
4 PERCENT IN 1969-70

The U.K.'s imports of wheat and wheat flour, feedgrains and rice increased 4.2 percent to a total of 9.1 million tons in fiscal year 1969-70 from 8.7 million metric tons in FY 1968-69. Modest gains were registered for imports of wheat, feedgrains and rice while exports, mostly barley, were insignificant. The performance of individual feedgrain imports was quite varied as sizeable declines for corn, sorghum and oats were more than offset by a near tripling of barley imports to 956,000 tons for the year.

UNITED KINGDOM: Grain Trade Summary, FYs 1969-70

	FY 1968-69	FY 1969-70	+ or -
- - - - - 1,000 M.T. - - - - -			
<u>Imports</u>			
Wheat and Wheat flour	4,576	4,777	+ 201
Wheat	(4,471)	(4,660)	(+ 189)
Flour	( 105)	( 117)	(+ 12)
Feedgrains	4,019	4,168	+ 149
Corn	(3,466)	(3,107)	(- 359)
Sorghum	( 156)	( 94)	(- 62)
Barley	( 372)	( 956)	(+ 584)
Oats	( 25)	( 11)	(- 14)
Rice	108	122	+ 14
Total imports	8,703	9,067	+ 364
<u>Exports</u>			
Barley	75	12	- 63
Net imports	8,628	9,055	+ 427

(Continued)

## IMPORTS

WHEAT AND WHEAT FLOUR -- Imports of wheat and flour (96 percent wheat) continued to increase during FY 1969-70 reaching a 4.8 million ton total. Canada continued as the major source of wheat, although imports from Canada have fallen steadily from 2.1 million tons in 1964-65 to 1.3 million in 1969-70. Imports from Australia, the second largest supplier, more than doubled -- to 1.0 million tons, while French wheat (much of it denatured) increased 15 percent to nearly 700,000 tons. Imports of U.S. wheat more than doubled to a 217,000 ton level. Imports of wheat from the Netherlands, much of it feed wheat, fell to a 3-year low of 396,000 tons. The USSR re-entered the U.K. market with direct shipments, for the first time since 1963-64, with 173,000 tons, although it is believed that twice that amount of Russian wheat entered the U.K. as transshipments from other European countries. Sweden, Spain, West Germany and Romania also recorded modest shipments in 1969-70.

A 12,000-ton increase in flour imports in 1969-70 reversed the steady decline in flour imports observed in recent years. Canada was the leading source of flour, with 61,000 tons, followed by West Germany and Australia.

FEEDGRAINS -- FY 1969-70 feedgrain imports increased by 4 percent to 4.2 million tons. The U.S. continued its strong position in the U.K. market, supplying 44 percent of the total. Canada moved ahead of the Netherlands and South Africa as the second major supplier.

Barley imports nearly tripled, more than offsetting reduced corn, sorghum and oat imports. Corn remained dominant, accounting for 74 percent of total feedgrain imports.

Corn - Imports of U.S. corn increased to 1.8 million tons in spite of the decrease in the U.K.'s total to 3.1 tons in 1969-70. French corn moved into second place at 307,000 tons, and Canadian (probably U.S. transshipments) and Romanian corn made gains. Dutch corn (transshipments) fell to 214,000 tons, while South African imports declined to 215,000 tons, reflecting drought-reduced supplies in that country.

Sorghum imports fell to 94,000 tons the lowest level since 1953-54. Sorghum imports from the U.S. have not exceeded 5,000 tons in any year since 1966-67.

Barley imports increased sharply from 372,000 tons a year earlier to 956,000 tons. Imports from Canada, the major supplier, increased to 334,000 tons, but the bulk of the gain came from "unspecified" countries for which detailed information is not yet available.

Oats imports declined from 25,000 tons to only 11,000 tons with Canada providing nearly half of the total.

Rice imports increased 13 percent during 1969-70 to 122,000 tons. The U.S. remained the leading supplier with 36,000 tons. However, its share of the market fell from 51 to 30 percent. Imports from the Republic of China, the second largest supplier, also declined while imports from "unspecified" countries were up sharply.



WHEAT AND WHEAT FLOUR: United Kingdom's imports by country of origin,  
July-June 1968-69 and July-June 1969-70

Country of origin	July-June 1968-69				July-June 1969-70				+ or -
	Wheat	Flour	Total	Wheat	Flour	Total			
	m. t.	(Grain equivalent)	m. t.	m. t.	(Grain equivalent)	m. t.	m. t.		
North America:									
United States	96	1	97	217	--	217	120		
Canada	1,369	72	1,441	1,287	61	1,348	93		
Total	1,465	73	1,538	1,504	61	1,565	27		
South America:									
Argentina	112	--	112	21	--	21	91		
Western Europe:									
EC:									
Belgium and Luxembourg	62	--	62	110	--	110	48		
France	607	--	607	694	--	694	87		
Germany, West	--	--	--	26	22	48	48		
Netherlands	749	--	749	396	--	396	353		
Total	1,418	--	1,418	1,226	22	1,248	170		
Other Western Europe:									
Ireland	1/	2	2	--	--	--	2		
Spain	--	--	--	39	--	39	39		
Sweden	--	--	--	80	--	80	80		
Total	1/	2	2	119	--	119	117		
Eastern Europe:									
Romania	--	--	--	16	--	16	16		
USSR	--	--	--	157	--	157	157		
Total	--	--	--	173	--	173	173		
Total Europe	1,418	2	1,420	1,518	22	1,540	120		
Oceania:									
Australia	455	12	467	998	10	1,008	541		
Unspecified	1,021	18	1,039	619	24	643	396		
World total	4,471	105	4,576	4,660	117	4,777	201		

1/ Less than 500 metric tons.



FEEDGRAINS: United Kingdom's imports by country of origin, July-June 1968-69 and July-June 1969-70

Country of origin	July-June 1968-69					July-June 1969-70					+ or -
	Corn	Sorghum	Barley	Oats	Total	Corn	Sorghum	Barley	Oats	Total	
North America:											
United States	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Canada	m. t.	m. t.	m. t.	m. t.	m. t.	m. t.	m. t.	m. t.	m. t.	m. t.	m. t.
Total	1,740	4	--	--	1,744	1,838	3	--	--	1,841	97
	81	--	136	3	220	152	--	334	5	491	271
South America:											
Argentina	1,821	4	136	3	1,964	1,990	3	334	5	2,332	368
Western Europe:											
EC:											
Belgium and Luxembourg	87	35	--	--	122	164	9	--	--	173	51
France		8	--	--	55	38	--	--	--	38	
Netherlands	167	42	--	--	209	307	3	--	--	310	
Total	573	22	--	--	595	214	4	--	--	218	
	787	72	--	--	859	559	7	2/	86	652	
Other Western Europe:											
Ireland	1/	--	2	--	2	--	--	--	--	--	2
Eastern Europe:											
Romania	73	--	--	--	73	113	--	--	--	113	40
Total Europe	860	72	2	--	934	672	7	86	--	765	169
Africa:											
Malawi	80	--	--	--	80	--	--	--	--	--	80
South Africa, Republic of	526	36	--	--	562	215	1/	--	--	215	347
Others	--	--	--	--	--	--	1	--	--	1	1
Total	606	36	--	--	642	215	1	--	--	216	426
Oceania:											
Australia	--	--	136	18	154	--	5	46	--	51	103
Unspecified	92	9	98	4	203	66	69	490	6	631	428
World total	3,466	156	372	25	4,019	3,107	94	956	11	4,168	149

1/ Less than 500 metric tons. 2/ EC not broken down.

Foreign Agricultural Service  
Grain and Feed Division, CAB/SSS  
October 1970

RICE: United Kingdom's imports by country of origin,  
July-June 1968-69 and July-June 1969-70

Country of origin	1968-69 <sup>1/</sup>	1969-70 <sup>2/</sup>	+ or -
	1,000 <u>m. t.</u>	1,000 <u>m. t.</u>	1,000 <u>m. t.</u>
North America:			
United States .....	55	36	- 19
South America:			
Argentina .....	2	3	+ 1
Western Europe:			
EC:			
Netherlands .....	1	3/	- 1
Other Western Europe:			
Spain .....	3/	3/	0
Total Europe .....	1	3/	- 1
Asia:			
Burma .....	1	--	- 1
Republic of China (Taiwan) .....	17	10	- 7
Pakistan .....	5	3	- 2
Thailand .....	7	--	- 7
Total .....	30	13	- 17
Oceania:			
Australia .....	13	7	- 6
Other countries .....	7	63	+ 56
World total .....	108	122	+ 14

<sup>1/</sup> United Kingdom Rice Bulletin of August 1969.

<sup>2/</sup> Overseas Trade of the United Kingdom.

<sup>3/</sup> Less than 500 metric tons.

Foreign Agricultural Service  
Grain and Feed Division, CAB/SSS  
October 1970

BARLEY: United Kingdom's exports by country of destination,  
July-June 1968-69 and July-June 1969-70

Destination	1967-68 <u>1/</u>	1968-69 <u>1/</u>	1969-70 <u>2/</u>
	1,000 <u>m. t.</u>	1,000 <u>m. t.</u>	1,000 <u>m. t.</u>
Belgium .....	37	5	1
West Germany .....	355	45	4
Italy .....	141	3	--
Netherlands .....	56	7	5
Denmark .....	131	12	--
Norway .....	5	1	<u>3/</u>
Poland .....	27	--	--
East Germany .....	5	--	--
Spain .....	23	--	--
Unspecified .....	14	2	2
Total .....	794	75	12

1/ Source: 1967-68 and 1968-69 from United Kingdom Grain Bulletin.

2/ Source: 1969-70 from Overseas Trade Statistics of the United Kingdom.

3/ Less than 500 metric tons.

Foreign Agricultural Service  
Grain and Feed Division, CAB/SSS  
October 1970



### EXPORTS

Barley exports fell to the insignificant level of 12,000 tons in 1969-70. This was the lowest level in more than 15 years and only 10 percent of the level of a year ago. In 1966-67 a high of 1.1 million tons of barley exports was achieved.

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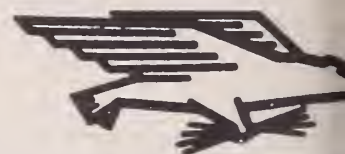
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